1675.

Apollo Anglicanus,

THE

ENGLISH APOLLO:

Assisting

All Persons in the right Understanding

of this Years Revolution, as also of things past, present, and to come.

With necessary Tables plain and useful.

A twofold Kalendar, *viz. Julian* or *English*, *Gregorian* or *Foreign* Computations, more plain and full than any other; with the Sun and Moons Risings and Settings, daily observ'd, with Latitude, not in any other Almanack.

Being the Third after Bissextile *or Leap-Year.*

WITH

A necessary useful Discourse of the *STARS, PLANETS* and *HEAVENS.*

By RICHARD SAUNDERS.

Student in the Physical-Calestial Sciences.

Astra regunt corpus, mens libera sidera vincit,
Est Deus in cœlis, Hunc cole, tutus eris.

Cum Privilegio.

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A Table shewing how many years Purchase a Lease of Annuity, to endure for any Term of years under 33, is worth presently, at Interest upon Interest, at six in the hundred: and shewing plainly how to discount any Lease in Being, and the true value of the Reversion after any number of Years.

Years of a Lease.	Years.	Months	dec. par.
1	0	11	0
2	1	9	9
3	2	8	1
4	3	5	9
5	4	2	5
6	4	11	0
7	5	7	0
8	6	2	5
9	6	9	6
10	7	4	3
11	7	10	7
12	8	4	6
13	8	10	3
14	9	3	6
15	9	8	5
16	10	1	3

The use and Explanation of this Table.

The first Column towards the left hand, sheweth the years of a Lease or Annuity, and right against each Year, in the Years Months and Decimal parts of a Moneths purchase, that such a Lease or Annuity is worth.

Example.

Suppose a Lease or Annuity to continue ten Years, and you would know how many years purchase it is worth in present money, look in the Table for ten years of a Lease to the left hand, and against the same you shall find 7,4,3. which sheweth such a Lease to be worth seven years four months, and three tenth Parts of a Month purchase.

Years of a Lease.	Years.	Months	dec. par.
17	10	5	8
18	10	9	9
19	11	1	3
20	11	5	2
21	11	9	5
22	12	0	5
23	12	3	6
24	12	6	6
25	12	9	4
26	13	0	0
27	13	2	5
28	13	4	9
29	13	7	1
30	13	9	3
31	13	11	1
32	14	1	0

Again, are you to take or buy the Reversion of any Lease or Annuity, work thus, Suppose the Lease to be thirty years in all; you find in the second Table, and right hand against thirty, 13 years 9. months, and two tenth Parts of a moneths purchase; this it were worth, were it in present possession. But suppose there be a Lease of five years (more or less) before your Commence; look in the Table against the five Years, and there you find four Years, two Moneths, five tenth parts, halfe a Moneths purchase; take this out of the sum against thirty, which is 13,9,2. 4,2,5. The remainder is 9. years six moneths, seven tenth parts of a month; and so much is the Reversion after five years worth, the remainder of thirty years. This is usefull and very easie.

A Table of the Kings and Queens of *England* since the Conquest.

Kings and Queens names	Born Anno	Began to reign		Reigned		Since their coming		Buried at
				Y.	M.			
William 1	1023	1066,	Oct. 14	20	11	588,	Sept. 9	Caen Norm.
William 2	1057	1087,	Sep. 9	12	11	575,	Aug. 2	Winchester
Henry 1	1068	1100,	Aug. 2	35	4	540,	Dec. 1	Reding
Stephen	1105	1135,	Dec. 1	18	11	521,	Octo. 25	Feversham
The Saxon Line restor'd.								
Henry 2	1132	1154,	Oct. 25	35	9	486,	July 6	Fountever.
Richard 1	1155	1189,	July 6	9	9	476,	April 6	Fountever.
John	1165	1199,	April 6	17	6	459,	Octo. 19	Worcester
Henry 3	1207	1216,	Oct. 19	56	1	403,	Nov. 16	Westminster
Edward 1	1239	1272,	No. 16	34	8	368,	July 7	Westminster
Edward 2	1283	1307,	July 7	19	6	349,	Jan. 25	Glocester
Edward 3	1312	1326,	Jan. 25	51	5	298,	June 21	Westminster
Richard 2	1366	1377,	June 21	22	3	276,	Sept. 29	Westminster
The Line of Lancaster.								
Henry 4	1367	1399,	Sep. 29	13	6	262,	Mar. 20	Canterbury
Henry 5	1384	1412,	Mar. 20	9	5	253,	Aug. 31	Westminster
Henry 6	1421	1422,	Aug. 31	38	6	215,	Mar. 4	Winsor
The Line of York.								
Edward 4	1442	1460,	Mar. 4	22	1	192,	April 9	Winchester
Edward 5	1471	1483,	April 9	0	2	191,	June 18	*Not known*
Richard 3	1448	1483,	Jun. 18	2	2	190,	Aug. 22	Leist. *(where*
The Families united.								
Henry 7	1455	1485,	Au. 22	23	8	166,	April 21	Westminster
Henry 8	1491	1508,	Apr. 22	37	10	129,	Jan. 28	Winsor
Edward 6	1537	1547,	Jan. 28	6	5	122,	July 6	Westminster
Qu. Mary	1518	1553,	July 6	5	4	117,	Nov. 17	Westminster
Q. Elizab.	1533	1558,	No. 17	44	4	73,	March 24	Westminster
The Union of the two Kingdoms.								
James	1566	1602,	Ma. 24	22	0	50,	March 27	Westminster
Charls 1	1600	1625,	Ma. 27	23	11	27,	Janu. 30	Winsor
Charls 2	1630	1648,	Jan. 30	whom God grant long to Reign.				

The *World* must now confess, that *Monarchs* are
Of him that rules above the chiefest care,
He with great CHARLES doth gently Peace restore.
Heaven could not give us, nor we crave more.
Hence *Anti-monarchists*, from you there springs
Slavery; but *Freedom* is from *Heaven* and *Kings*.
Then let all loyal hearts with us conclude,
May *Cæsar* live, and Rebels be subdu'd.

Tranſmitted, foreſeen, and the Terms approach like the Angels Harmony.

Hilary-Term begins Jan. 23. and ends Feb. 12.

Return or Eſſoin days.	Exception days.	Returna Brevium	Days of Appearance.
Octab. Hil. Jan. 20	*January* 25	*January* 26	*January* 27
Quin. Hil. Jan. 27	*January* 28	*January* 29	*January* 30
Craſt. Purif. Feb. 3	*February* 4	*February* 5	*February* 6
Oct. Purif. Feb. 9	*February* 10	*February* 11	*February* 12

Eaſter-Term begins April 21. *and ends May* 17.

Quin. Paſc. April 19	*April* 20	*April* 21	*April* 22
Treſ. Paſc. Apr. 26	*April* 27	*April* 28	*April* 29
Menſ. Paſc. May 3	*May* 4	*May* 5	*May* 6
Quin. Paſ. May 10	*May* 11	*May* 12	*May* 13
Craſt. Aſcen. May 14	*May* 15	*May* 16	*June* 17

Trinity-Term begins June 4. *and ends June* 23.

Craſt. Trin. May 31	*June* 1	*June* 2	*June* 3
Oct. Trin. June 7	*June* 8	*June* 9	*June* 10
Quin. Trin. June 14	*June* 15	*June* 16	*June* 17
Treſ. Trin. June 21	*June* 22	*June* 22	*June* 23

Michaelmas-Term begins Octob. 22. *and ends Nov.* 29.

Treſ. Mich. Oct. 20	*October* 23	*October* 22	*October* 23
Menſ. Mich. Oct. 27	*October* 28	*October* 29	*October* 30
Craſt. Anim. Nov. 3	*November* 4	*November* 5	*November* 6
Craſt. Mar. Nov. 12	*November* 13	*November* 14	*November* 15
Octab. Mar. Nov. 18	*November* 19	*November* 20	*November* 21
Quin. Mar. Nov. 25	*November* 26	*November* 27	*November* 29

Note, The Exchequer opens eight days before any Term begins, except *Trinity*-Term, before which it opens only four days.

Note, That the firſt and laſt days of every Term, are the firſt and laſt days of Appearance.

1. IN the first column to the left hand, on the left hand page, you have the Numeral figures of the days of the Month.

2. In the second column you have the week days, and Dominical Letter.

3. You have all the principal and observable Saints days and others, the places of the Planets, and the Moon most nights and what fixed Stars she is with, is observed; by which the Asterisms & Constellations are easily known to an ingenious eye & understan-

4. The Moons place in the Zodiack every day at noon. (ding

5. The age of the Moon, by which the Tides are known.

6. The rising and setting of the Moon, every day in the year with Latitude.

7. The general state of the weather, with much care performed by the Author.

8. In the 8. column, the first on the right hand, you have the English account. In the 9. the Forein. In the 10. the Roman week days, and Sunday Letter.

11. The perfect Roman Kalendar and Saints days.

12, 13, 14, the utmost to the right hand, you have the dayly rising and setting of the Sun, with the Aspects.

A Table to find when the Moon will be full South every day this year, whereby the time of Tides is exactly known.

M.	H.	M.	
1	16	12	48
2	17	1	36
3	18	1	24
4	19	3	12
5	20	4	0
6	21	5	48
7	22	6	36
8	23	7	24
9	24	8	12
10	25	9	0
11	26	8	48
12	27	9	36
13	28	10	24
14	29	11	12
15	30	12	0

First find her age in the 5. column of the Almanack, which is exactly every day noted; which age seek out in one of the two columns of this Table to the left hand, against which in the third and fourth columns is the hour and minutes which shew the time of the Moons being South.

As for example, the 5. day of *March* the Moon is 19 days old, which being found in the 2 column of this Table against 4, to the right hand, it points to 3 h. 12 m. at which time the Moon is South the said 5. day of *March* 1675. *Et sic de cæteris.*

Here note, that all the increase she cometh to the South in the evening following the Sun; but in the decrease, in the morning going before the Sun.

By any Sun-dial you may know the hour of night by adding to the time of the Moon being South after, or subtracting before.

To find the time of High water in most Coasts of England.

First, as you before were taught, find at what time the Moon will be South, for then you may truly conclude it High-water at *Southampton*, *Quinborough*, and *Portsmouth*, for there the South and North Moons make a High-water. But when you desire the time of Full Sea in any of the following Coasts in the ensuing Table, find the name of the place, and see how many hours and minutes be annexed thereunto in the Column under *H. M.* which added to the time of the Moons coming to South, gives you the time of High-water for the place required.

A Tide-Table, with the Names of the Havens.

	H.	M.
Rochester, Maldon, Aberdeen,	0	45
Gravesend, Romney, Rankins,	1	30
London, Tinmouth, Hartlepool,	3	0
Frith, Leith, Dunbar, Narbon,	4	30
Newcastle, Falmouth, Humber,	5	15
Lyn, Antwerp, Plimouth, Hull,	6	0
Bristol, Lanion, Foulness,	6	45
Milford, Bridgwater, North-coast,	7	30
Portland, Peterport, Hartflew,	8	15
Dover, Tarmouth, Harwich, Dublin,	10	30
Callice, Rie, Winchelsey, Calsbot.	11	15

Example.

The 5. of March this year, it is required to know the time of Full Sea at *Newcastle*: by the Kalendar over against the 5. of March, in the fifth Column, I find the Moon 19 days old, and by the foregoing Southing Table, I find the Moon South at 3 hours 12 minutes in the morning; then in the preceding Table, against *Newcastle* I find 5 hours 15 minutes, which added to 3 hours 12 minutes, the aggregate is 8 hours 27 minutes, wherefore I conclude it High-water there at 8 hours 27 minutes in the morning: so of any other.

Take notice that the Tide floweth one point of the Compass more at the Spring-Tide (which is the New and Full Moons) than at the Neap-Tides (the first and second Quarters). As also the Latitude of the Moon and Winds may alter it an hour sooner or later; let it be their providence who depend upon the Tides to make timely provision.

The Tides like timons Humours never rest,
Still constant in inconstancy at best.

A true Chronology of memorable things to this year 1675

BRute entred this Island of *Great Britain*	2801
The building of *London*	2781
The building of *Rome*	2427
The last destruction of *Jerusalem* by *Titus Vespasian*	1592
England first received the Christian Faith	1495
The Tower of *London* built	1110
Duke *William* the *Norman* conquered *England*	609
Westminster-hall built	576
The building of St. *Pauls* Church *London*	589
London-Bridge built with stone	466
The Bible first divided into Chapters	48
The first invention of Guns	295
A Frost from the midst of *September* till *April*	311
The rare invention of Printing	235
Pauls Steeple fired by Lightning	114
The New Star in *Cassiopea*	103
The Royal Exchange built and finished first time	102
A great Snow fell *February* 4.	97
Tilbury Camp on St. *James* day	87
A Plague in *London* whereof died 30578.	70
The last great Snow, and *Smithfield* paved	60
A great Plague in *London*, whereof died 35428.	50
The Parliament that produced monsters began	35
The remaining Scum of them murthered that incomparable Royal Martyr *Charls* I. *Jan.* 30 1648.	27
The Lord General *Monck* happily lops off the head of those Monsters, *Feb.* 21. 1659.	16
King *Charles* the Second safely returned to *Whitehall*, *May* 29. 1660.	15
His Majesty triumphantly Crowned, *April* 23.	14
Two Comets appeared in *December* and *March*	11
The doleful Plague that followed them, whereof died from *April* to *Christmas*, of the Plague that were taken notice of, besides a number of Quakers and others never brought into the Bill, 68596. The Total, and most of the Plague, was 97306.	10
That unparalleld Dreadful fire in *London*, *Septemb.* 2, 3, 4, 5. in that fatal year 1666.	9

Since

Full Moon on Friday the first day, 40 m. past 7 at night.
Last quarter on Friday the 8 day, near 2 afternoon.
New Moon on Friday the 15 day, 3 quarters past 9 at night.
First quarter on Sunday the 24 day, 30 m. after 1 in the morn.
Full Moon on Sunday the 31 day, 40 m. past 5 before noon.

1	a	Circumcision of o.	can. 17		Full ☽	—	overcast for				
2	b	☽ in sin. hum. Pol	leo 2	16	4	A.38	snow, frost,				
3	c	, with the 2 asse	leo 15	17	6	20	& winterly weath				
4	d	☽ in atmpit lion.	leo 30	18	7	54	stormy weather,				
5	e	☽ in femore leon	virg. 14	19	9	30	begins the year,				
6	f	Epiphany	virg. 29	20	11	24	winds cleering,				
7	g	☽ near Arista	libra 13	21	12	45	overcast for sno.				
8	a	☽ in fimbria virg.	lib. 27	☾	0	M 45	or cold rain,				
9	b	Sol in Aquarius	scorp 11	23	1	47	In the night fine,				
10	c	1 Sund. p. Epiph	scor. 25	24	3	24	after noon clear &				
11	d	♄ 22 37 ♈	sagit. 8	25	4	28	pleasant good				
12	e	♈ 12 2 ♉	sag. 22	26	5	30	air, frost.				
13	f	♂ 21 20 ♊	capri. 5	27	6	16	At night winds				
14	g	☿ 25 10 ♋ R.	cap. 18	28	7	5	bring rain				
15	a	☿ 13 3 ♈	aqu. 1	●	New	☽	—	or snow,			
16	b	☽ near Alched.	aqu. 13	1	5	A.30	more gentle air				
17	c	2 Sund. p. Epiph	aqu. 26	2	6	50	cold, windy and				
18	d	♃ near ampli ♎	pisces 8	3	7	55	gloomy sky,				
19	e	☽ in ventr. pisc.	pisc. 20	4	9	8	sleet or snow,				
20	f	☽ sub of Algen	aries 2	5	10	15	fair and frost,				
21	g	Agnes.	aries 14	6	11	14	stormy win. bring				
22	a	Vincent.	aries 26	7	12	27	snow & bad weath				
23	b		taur. 7	8	0	M.37	clearing, fair				
24	c	Term begins	taur. 19	9	1	25	and frosty,				
25	d	Timothy.	gem. 2	10	2	40	more warm				
26	e	Convers. S. Paul	gem. 14	11	3	38	and pleasant				
27	f	☽ near Saclaten.	gem. 28	12	4	34	weather for the				
28	g	☽ cū ſtune gem.	canc. 11	13	5	22	season, at night				
29	a	☽ prox. ♂ Markeb	an. 25	14	6	10	cloudy wind				
30	b	K. CHARLES I.	leo 9	15	6	28	and bad weather				
31	c	Mart. 1648.	leo 24	○	Full	☽	—	frost & more fair			

Moon Rising. Moon Setting.

Saturn sets near midnight. Jupiter about the midst of the morning sets, the Sun culminating, and culminates about the Sun rising.

Mercury sets after midnight. Venus in a right Sphere is in Conjunction with the Sun 11 d 9 m South, and Oriental, but by reason of her great North Latitude she rises long before the Sun, & sets after it.

☞ In the begin. of the morn. may be seen in mor. n. if the sky be clear.

Day of Month	Days from Aquarius	Days from Pisces	Days from Aries	Saints Names	Aspects, Eclipses, Conjunctions, Oppositions, &c.	Day and Night	Sun Rises	Sun Sets
1	11	d		Archas Dom	☐ ♄ ☉ 15.	Day is 8 hours.	7 58	4 2
2	12	e		Hild. Epis.			7 58	4 3
3	13	f		Ep. Epiph.			7 57	4 3
4	14	g		Felix			7 57	4 4
5	15	a		Manus			7 56	4 4
6	16	b		Marcel.	☽ perigæa		7 55	4 5
7	17	c		Antonius			7 54	4 6
8	18	d		Prisca			7 53	4 7
9	19	e		Pont. Web			7 52	4 8
10	20	f		Ep. Epiph.		Day 8 h. 20 m.	7 50	4 10
11	21	g		Agnes			7 49	4 11
12	22	a		Vincent			7 47	4 13
13	23	b		Albertus			7 46	4 14
14	24	c		Timothy			7 45	4 15
15	25	d		Con. S. Paul	☽ ☌ ♃ 2.54		7 44	4 16
16	26	e		Polycarpus			7 42	4 18
17	27	f		Ep. Epiph.			7 41	4 19
18	28	g		Car. Mar.			7 39	4 21
19	29	a		Theod. P.	✱ ♄ ☿		7 38	4 22
20	30	b		Adelgun	☽ Apogæa		7 36	4 24
21	31	c		Vigil			7 34	4 26
22	Prim.	d		Briget	☐ ♄ ☿		7 32	4 28
23	2	e		Purif. Mar.	△ ♂ ☿ . ✱ ☉ ☿ ♀.		7 31	4 29
24	3	f		Blasius			7 30	4 30
25	4	g		Gilbertus	☿ perig. epic.		7 28	4 32
26	5	a		Apolins			7 26	4 34
27	6	b		Dorothea	♂ ☉ ☿		7 25	4 35
28	7	c		Agatha	☿ ☍ ♃ 13.		7 23	4 37
29	8	d		Austin		Day 9 h. 20 m.	7 21	4 39
30	9	e		Apolion			7 20	4 40
31	10	f		Septuage.			7 18	4 42

☾ Last quarter on Saturday the 6 day, after 10 at night.
● New Moon on Sunday the 14 day, 24 m. past 3 after noon.
☽ First quarter on Munday the 22 day, neare 7 at night.

Mo. Day.		Festival & Saints days, with the ☽ application to the noted fixed Stars.	The Moons place in the Zodiac	☽ age.	The ☽ rising from the full to the change, in setting from the change to the full Moone			The diary constitution of the air and weather.
1	♈	*Brigit*	virg. 9	17	7	A.	10	Good healthful
2	♉	Purificat. Mariæ	virg. 24	18	8		21	clear weather
3	♉	*Blasius*, Episc.	libra 9	19	9		53	days & seasonable
4	♊	☽ in genu Virg.	libr. 23	20	11		4	overcast and
5	♋	☽ in South Ball.	scorp 8	21	12		28	night high winds
6	♌	☽ in North Ball.	scor. 22	☾	0	M.	18	with sleet or rain
7	♍	Sexagesima	sagi. 6	23	2		5	at night pleasant
8	♎	Sol in Piscibus	sagi. 19	24	3		28	air, yet bustling
9	♏	☽ in arcu Sagit.	capri. 2	25	4		22	winds clearing,
10	♐	♄ 24 51 ♈	capr. 15	26	4		56	at night flabby
11	♑	☿ 16 36 ♓	cap. 27	27	5		31	wet, yet past
12	♒	Term ends	aqu. 10	28	5		58	with pleasant gale
13	♓	♂ 4 38 ♊	aqu. 22	29	6		16	overcast and
14	♈	Quinquagesima	pisc. 4	●	New	☽		stormy winds to
15	♉	☿ 10 30 ♒R	pisc. 16	1	6	A.	57	be expected this
16	♊	*Shrove-Tuesday.*	pisc. 28	2	8		0	new Moon, most
17	♋	*Dies cinerum*	aries 10	3	9		28	calm, frost & fair
18	♌	☿ 6 48 ♓	aries 22	4	10		34	at night clouded
19	♍	☽ in left foot r. m	taur. 4	5	11		28	and seasonable
20	♎	☽ cum cauda ♈	taur. 16	6	12		40	showrs promised
21	♏	1 Sund. in Lent.	taur. 28	7	0	M.	40	*Apertio portarum*
22	♐	Cū corn. aust. ♉	gem. 10	☽	1		34	Frost, cold and
23	♑	☽ near Apollo	gem. 23	9	2		33	sharp air
24	♒	S. Matthias	can. 6	10	3		6	at hand,
25	♓	☽ cū capite Herc.	can. 19	11	4		8	overcast, most
26	♈	☽ prope Asinos	leo 3	12	4		43	warm and
27	♉	cū genu Leon.	leo 17	13	5		4	gentle Air,
28	♊	2 Sund. in Lent	virg. 2	14	5		33	red flying clouds.

Moons Rising.

Moons Setting.

Saturn setteth after the Sun.
Jupiter riseth after midnight.
Mars setteth after midnight.
Venus in a clear morn. shines gloriously before Sun rise.
Mercury is obscured being under the Suns beams.

Foreign Accounts	Roman Kalendar	Roman Saints	Days	Ferie, state & Concept.	Syzygia Planetarum mutuæ.	☽ p.	☽	☉
	1	g		Euphrasia	☌ ☿ ☍ 2. ♂ ☍ ♀ 14.	1	7 17	4 43
	2	a		Hasy Nat.	☌ ♄ ☉ Dperig. Da. lengt. 1 h. 52 m.	3	16	44
	3	b		Fault Vir.	☌ ☿ ☍ 11	4	13	47
	4	c		*Valentinus*		5	12	48
	5	d		Faustinus		6	7 10	4 50
	6	e		Juliana		7	8	52
	7	f		Scrag. Sanct.		8	4	56
	8	g		Concordia	☌ ♄ ☍ 7	9	2	58
	9	a		Lati & Jul.		10	7 0	5 0
	10	b		Labini	☍ Apog. Epic. Day is 10 hours	11	6 58	2
	11	c		Quatem.		12	57	3
	12	d		Cath. pet.	□ ♂ ☉ 4.	13	55	5
	13	e		Locus	□ ♂ ☍ 23.	14	54	6
	14	f		Quinquag.		15	53	7
	15	g		Julianus	☌ ☉ ☍ 3.	16	51	9
	16	a		Victoria	☽ Apog.	17	49	11
	17	b		*Dies Cinerū*		18	6 46	5 14
	18	c		Victorin		19	44	16
	19	d		Mariæ		20	42	18
	20	e		Chad Epis.		21	40	20
	21	f		Quadrages.	□ ☿ ☍ 0	22	38	22
	22	g		Adrianus		23	6 35	5 25
	23	a		Eusebius		24	33	28
	24	b		Emb. w. fas.	☽ ♉ 19	25	30	30
	25	c		Veronica		26	27	33
	26	d		Phil.	□ ☿ ☉ 7	27	25	35
	27	e		Prudent.	Day is 10 h. 50 m.	28	6 24	5 36
	28	f		Reminisc.				

Full Moon on Munday the first day, before 6 at night.
Last quarter on Munday the 8 day, after 9 in the morn.
New Moon on Tuesday the 16 day, at 9 in the forenoon.
First quarter on Wednesday the 24 day, 30 m. past 9 in morn.
Full Moon on Wednesday the 31 day, a little past 2 in morn.

1	D	*David*	virg. 17	☽	Full ☽			Sharp winds &	
2	S	*Chad* Epiſc.	libr. 3	14	7 A.			weach, begins the	
3	C	☽ cū ſpica Virg.	libr. 18	17	8	46		nion, at ſi overc	
4	M	☽ ſouth of Alphet	ſcorp. 3	18	10	36		for fleet or rain,	
5	A	☽ in North Ball.	ſcor. 18	19	11	40		good winterly	
6	B	☽ in corpore Scor.	ſagit. 2	20	13	10		cold kind	
7	C	☽ Sand. in Lent	ſagi. 15	21	1 M.	10		*March* weather	
8	D	☽ cum arcu Sagit.	ſagi. 29	☾	2	0		thole days, ſtill	
9	E	☽ near the Eagle	capr. 12	23	2	50		wind bring rain	
10	F	Sol in Aries	capr. 24	24	3	20		ebis night, but	
11	G	♄ 27 58 ♈	aqua. 7	25	3	48		clearing and	
12	A	*S. Gregory.*	aqu. 19	26	4	6		inclining to froſt	
13	B	☿ 19 5 ☌ D.	piſc. 1	27	4	28		terrible ſtorms	
14	C	*Midlent Sunday*	piſc. 13	28	4	45		of wind and rain	
15	D	☉ 20 10 II	piſc. 25	29	5	6		in many places	
16	E	☿ 22 4 ♎	ari. 7	●	New ☽			about this time	
17	F	*Patrick*	ari. 19	1	8 A.	20		moon, at night	
18	G	☿ 26 41 ♈	taur. 1	2	9	12		overcaſt and	
19	A	☽ ſouth of Meduſ.	taur. 13	3	10	28		more gentle,	
20	B	☽ ſouth of Alchen	taur. 25	4	11	40		kind ſpringweath	
21	C	☽ Sand. in Lent	gem. 7	5	12	16		Buſtling winds	
22	D	☽ in cingulo Ori.	gem. 19	6	0 M.	16		raiſe ſtorms and	
23	E	☽ cū genu Apoll.	cane. 2	7	1	5		dathing ſhowers	
24	F	☽ in l. humid. Herc	canc. 15	☽	1	34		*Nebulæ*,	
25	G	*Annun. Mariæ*	can. 28	9	2	16		Cold rain or	
26	A	☽ in ore Leonis	leo 12	10	2	48		ſleet, at night fair	
27	B	☽ in ſcapula Leon.	leo 26	11	3	14		inclining to	
28	C	Dic. Palmarum	virg. 10	12	3	34		froſt cuble days,	
29	D	☽ in humbria Virg.	virg. 26	13	4	4		fair, cold and	
30	E	☽ in ſcapula Virg.	libra 11	14	4	26		ſeaſonable weath	
		☽ ſouth of Poores	libra 26	☾	Full ☽			ends the month.	

Moon Rising. — Moon Setting.

Saturn in the end of the month is obscured under the Suns
Jupiter riseth after midnight. (rays.
Mars setteth after midnight.
Venus in the morn. may be discerned of an Oval form.
Mercury the first third part of the month, emergeth from the Suns rays, after sets helically under his Beams.

1	12	♑	Quirini				1	6	22	53
2	13	♒	Gregorius	☽ perig.			2		20	40
3	14	♓	Rupharia				3		18	42
4	15	♈	Leo Episc.				4		16	44
5	16	♉	Longinus				5		14	46
6	17	♊	Cyriacus				6		12	48
7	18	♋	Oculi				7		9	51
8	19	♌	Gertrude				8	6	7	53
9	20	♍	Josephus				9		3	57
10	21	♎	Cuthbert			Day is 12 hours	10	6	0	0
11	22	♏	Benedict	☌ ♂ ♀ 18.			11	5	56	2
12	23	♐	Aphrodit	☌ ☿ ♀ 23.			12		57	3
13	24	♑	Theodore	☍ ☿ ☌ ♂ 7.			13		56	4
14	25	♒	Ludgerus				14		54	6
15	26	♓	Annun. Ma				15		52	8
16	26	♓	Castullus	☽ Apog.			16		50	10
17	27	♈	Marian				17		48	12
18	28	♉	Dorothy				18		46	14
19	29	♊	Eustace	☽ ☊ ☌ 2.			19		44	16
20	30	♋	Vivid.				20		42	18
21	31	♌	Judica				21	5	40	20
22	1	♌	Balbin	☌ ♄ ☌ 2.			22		38	22
23	2	♍	Mar. Egipt.				23		36	24
24	3	♎	Rich. Epis.				24		34	26
25	4	♏	Ambrosius	☍ ♄ ☌ 8.			25		32	28
26	5	♐	Vincens.				26		30	30
27	6	♑	Eccl. appro.	☍ ☌ ☿ 15.		Day is 13 hours	27		28	32
28	7	♒	Palmarum				28		26	34
29	8	♓	Dionysius	△ ☿ ☉ 17.			29		24	36
30	9	♈	Marcellus	☽ perig.			30		21	35
31	10	♉	Leo Papa				31	5	23	37

☾ Last quarter on Tuesday the 6 day, before 11 at night.
● New Moon on Thursday the 15 day, a quarter before 2 morn.
☽ First quarter on Thursday the 23 day, 30 m. after 8 at night.
○ Full Moon on Thursday the 29 day, a quarter past 10 forenoon.

1	g	*Maundy Thursday*	scor.	11	16	9	A.	34			Wind & drisling
2	a	*Pascha Domini*	scor.	26	17	11		25			good. *April* was
3	b	☽ in pede Ophiuc.	sagi.	11	18	12		5			begins the mon.
4	c	Pascha Domini	sagi.	25	19	0	M.	5			very changeable
5	d	☽ in mead of Sag.	capri.	8	20	0		46			last and frosty,
6	e	☽ south of Alkaid	cap.	21	☾	1		30			stormy at night
7	f	☽ in Lland of Aqu.	aqua.	4	22	1		5c			more kind and
8	g	☽ in dorso Hirci	aqu.	16	23	2		15			warm spring
9	a	☽ in clune Aquar.	aqu.	28	24	2		36			weather for
10	b	Sol in Taurus	pisc.	10	25	2		50			the cream days,
11	c	Long Monday	pisc.	22	26	3		14			apert, part in ng
12	d	♄ 2. 59 ♉	aries	4	27	3		28			not cold, or in
13	e	☿ 28 49 ♈ R.	aries	16	28	3		40			sweet air and
14	f	♂ 6. 59 ♋	aries	28	29	4		8			pleasant showrs
15	g	♀ 3. 14 ♓	taur.	10	●	New ☽					good spring wea-
16	a	♃ 24 44 ♈ R.	taur.	22	1	9	A.	31			most part, the
17	b	☽ with Aldebar.	gem.	4	2	10		36			new Moon,
18	c	Sunday after Easter	gem.	16	3	11		26			temperate warm
19	d	☽ in pede Gem.	gem.	29	4	12		5			and good
20	e	☽ south of Algeuse	can.	12	5	0	M.	5			spring weather,
21	f	Term begins	can.	25	6	0		30			in night showrs
22	g	☽ south of Cynos.	leo	8	☽	1		0			warm bleaches,
23	a	St George	leo	21	8	1		25			with som winds
24	b	☽ in neck of Lion	virg.	5	9	1		50			& wind seasonable
25	c	St Marke	virg.	20	10	2		5			spring weather
26	d	☽ in 1. wing Virg.	libr.	4	11	2		34			most part to the
27	e	☽ in temore Virg.	libr.	19	12	2		45			mon the end,
28	f	☽ north of Tryph.	scorp.	4	13	3		15			wind and showrs
29	g	Locus Engonasin.	scorp.	20	☽	3		45			heart but
30	a	☽ Iohan. Ras Alg.	sagit.	4	15	10	A.	1			pleasant weath.

Moons Rising. Moons Setting.

Saturn this month is under the Suns beams.
Jupiter the 8. day riseth at midnight.
Mars setteth near midnight.
Venus in the morn, through it is bid may be seen for bed.
Mercury is bid under the Suns rays, at the end of the month he emergeth in the Southern parts.

Vering. Account	Roman Kalend.	Roman Fest. days								
1	11	g	Tiber.		Day 13 h. 28 m.		5	21	6	39
2	12	b	*Passio Dom.*				5	23	6	42
3	13	e	Justinus	☌ ♄ ♂ 4.			5	26	6	44
4	14	f	Falch. Dom				5	28	6	46
5	15	g	Groswald.				5	30	6	48
6	16	a	Cab. Mar.	☌ ☉ ☿ 3.			5	32	6	50
7	17	b	Anicet.	☿ Elong. Max.			5	34	6	53
8	18	c	Valerianus				5	36	6	54
9	19	d	Alphage				5	38	6	58
10	20	e	Vict. Mart.	♄ Apor. Epic.	Day is 14 hours		5	40	7	0
11	21	f	Quasimod	☿ ♄ ☉ 22.			5	42	7	2
12	22	g	Soliet Vir	☽ Apog.			5	43	7	5
13	23	a	Georgius.				5	45	7	7
14	24	b	Albertus	□ ♅ ☿ 18.			5	47	7	8
15	25	c	Marcus.				5	49	7	11
16	26	d	Clere Epif				5	50	7	10
17	27	e	Anastasius				5	52	7	12
18	28	f	Miff. Dom.				5	54	7	14
19	29	g	Per. Mart.				5	56	7	16
20	30	a	Erkinwald	☌ ☉ ♂ 22.			5	58	7	18
21	May	b	Philip & Jac.				6	0	7	20
22	2	c	Athanasius				6	2	7	22
23	3	d	Invent. Cru	△ ♅ ☿ 2.			6	4	7	24
24	4	e	Florianus				6	6	7	26
25	5	f	Jubilate				6	8	7	27
26	6	g	*Vesperi Lat.*	☽ perig.	Day is 15 hours		6	10	7	29
27	7	a	Sixtus				6	12	7	31
28	8	b	Stanislaus				6	14	7	33
29	9	c	Nicolas				6	15	7	35
30	10	d	Pancratius				6	17	7	37

☾ Last quarter on Thursday the 6 day, a quarter past 1 afternoon.
● New Moon on Friday the 14 day, 3 quarters past 4 afternoon.
☽ First quarter on Saturday the 22 day, a quarter past 2 in morn.
○ Full Moon on Friday the 28 day, 30 m. after 7 at night.

1	♄	Philip & Jacob	sagit.	19	16	11	A.	10		windy kind with
2	☉	2 Sund. aft. Eas.	capr.	3	17	12		2		most part dry
3	☿	*Inventio Crucis.*	cap.	17	18	0	M.	2		begins the month
4	☾	☽ in jaw of Goat	cap.	30	19	0		22		wind, cool
5	☾	☽ in back of Goat	aqu.	12	20	0		45	Moons Rising.	dry and
6	☾	☽ in amphora Aqu	aqu.	25	☾	0		54		clear air, oft
7	☾	☽ in fin. Aquarii	pisc.	7	22	1		10		froft and
8	♄	☽ near Alpharaez	pisc.	19	23	1		25		cold mornings
9	♂	Dies Rogationis	aries	1	24	1		32		lofty winds,
10	☾	☽ ☌ ♃ 3d ♉	aries	13	25	1		50		more warm and
11	☾	☽ in Gemini	aries	25	26	1		58		pleasant, & night
12	☾	☿ ☍ ♅ 10 m. R.	taur.	6	27	2		12		overcast, but dry
13	☾	Ascens. Dom.	taur.	19	28	2		34		winds, and
14	☾	♀ Catharine	gem.	1	●	New	☽			seasonable
15	♄	Landred. 1662.	gem.	13	1	9	A.	30		dry weather,
16	☾	Dominica p. Asc.	gem.	26	2	10		2		most part to
17	♄	Tatæ end.	canc.	9	3	10		36		the 21. day,
18	☾	♂ ☍ ♅ 55 ♋	canc.	22	4	11		27		
19	☾	☽ in beach. Canc.	leo	5	5	11		41	Moons Setting.	
20	☾	☽ in Leons knee	leo	18	6	12		2		
21	☾	☽ south of Alioth	virg.	2	7	0	M.	2		Overcast for
22	♄	☽ south of Trica	virg.	16	☽	0		14		seasonable showrs
23	☾	Pentecost	virg.	30	9	0		32		winds, and about
24	♄	☽ in quadrilat. ♎	libr.	14	10	0		55		this time thunder
25	☾	☽ in ped. fin. Virg.	libr.	29	11	1		18		lightning, storms
26	☾	Embers week.	scor.	13	12	1		29		and troubled
27	☾	☽ in fin ped. Oph.	scor.	28	13	2		2		Air, if not fowle
28	☾	☽ in dex. ped. Oph.	sagit.	13	○	Full	☽			warm & pleasant
29	☾	TRINITY CHAR. a. N. R.	sagit.	27	15	9	A.	45		overcast for
30	☾	Trinity Sunday.	capr.	11	16	10		30		rain & enclosed
31	♄	☽ south of Altair	capr	24	17	10		48		showers.

MAY. 1675.

☿ Saturn is under the Suns beams.
♃ Jupiter riseth before midnight.
♂ Mars in the evening setteth after the Sun.
♀ Venus will appear very big and glorious in the morning.
☿ Mercury though in his greatest elongation from the Sun cannot be seen to us but in the Ides. Vemil he will be conf.

Eng. Accol.	Fo. Accol.	Ro. Martyrol.										
						d.	h.					
1	1	c	Gordian					1	4	22	7	38
2	2	d	Eutate	☽ ☊	2	☾	16 m.	2		21		39
3	3	e	Servatus					3		23		40
4	4	f	Boniface					4		19		41
5	5	g	Sophice					5		17		43
6	6	a	Peregrine					6		15		45
7	7	b	Idiocus					7		13		47
8	8	c	Potent					8		12		48
9	9	d	Eutate					9		11		49
10	10	e	Julian. Virg.	☌ ♄ ☿	9			10	4	10		50
11	11	f	Albanus M.	△ ♅ ♀	10			11		9		51
12	12	g	Desider.	☽ Apog.				12		7		53
13	13	a	Ascens. Dom.			d.	h.	13		6		54
14	14	b	Quint.			☾	48 m.	14		4		56
15	15	c	Urban.					15		2		58
16	16	d	Exaudi					16		1		57
17	17	e	Dorm.	☽ ♆	8			17	3	59	8	1
18	18	f	Ignatius					18		58		2
19	19	g	Felix Episc.					19		56		3
20	20	a	Vigan					20		55		4
21	21	b	Petronel	□ ☌ ♀	15			21		54		5
22	22	c	Nichom.					22		53		6
23	23	d	Pentecost	✶ ☌ ☿	14			23		52		7
24	24	e	Erasmus	☽ Perig.				24		52		8
25	25	f	Metroph.	☌ ☉	22			25		52		8
26	26	g	Emb. w. Fast.	☿ Per. Epic.				26		52		8
27	27	a	Claudius					27		52		8
28	28	b	Wal. Tra.					28		51		9
29	29	c	Medard.	☌ ♄ ♀	1			29		51		9
30	30	d	Trinity	☽ ☊				30		50		10
31	31	e	Onophir			Day 16 h. 20 m.		31	3	50	3	10

(Last quart. on Saturd. the 5 day, 30 min. aft. 5 in the m.
● New Moon on Sund. the 13 day, 26 min. aft. 5 in the m.
☽ First quarter on Sund. the 20 day, near 8. in the morn.
○ Full M. on Sund. the 27 day, at 42 min. aft. 3. in the m.

1	e	☽ in fin. man. Aqu	Aqua. 8	18	11	A	14					Dri'l. dropping
2	f	☽ in sin clun. Aqu.	Aqua. 20	19	11		26					ſeaſonable
3	g	*Corpus Christi*	Piſcis 3	20	11		46					xind. weather
4	a	Term begins	Piſcis 15	21	11		57					ittleſe days.
5	b	☽ cum cand. piſc.	Piſcis 27	(	12		12					Moſe day.
6	c	☿ Dom. p. Trin.	Aries 9	23	0	M	12					nox and
7	d	☽ ſeq. triũ per flex	Aries 21	24	0		26					pleaſant wea.
8	e	♄ 8 45 ♉	Taur. 3	25	0		34					Some ſhowrs
9	f	♃ 12 48 ☿ ℞	Taur. 15	26	0		45					at baſe.
10	g	Sol in Cancer	Taur. 27	27	1		8					Hot day winds
11	a	St. Barnaby	Gem. 5	28	1		36					Winds raiſe,
12	b	♄ ☌ ☿ 11 58 ♌	Gem. 22	29	2		30					Teſterd. ſhow.
13	c	☿ Dom. p. Trin.	Canc. 5	●	New		☽					this m. moon.
14	d	☽ 25 44 ♉	Canc. 18	1	8	A	48					Severe Hail
15	e	☿ ☍ ♃ 2 1 ♋	Leo 1	29			50					Hot Sultrie
16	f	☽ with h. of Lyõ	Leo 15	3	10		27					ſh ſame plem.
17	g	☽ in Armpit of Ly.	Leo 25	4	10		35					ſ ſame Good.
18	a	☽ ſubt. ſem. leonis	Virg. 12	5	10		52					breez. winds.
19	b	☽ in fimbria virgi	Virg. 26	6	11		2					and good wea.
20	c	♃ Dom. p. Trin.	Libra 10	☽	11		24					mo ſ pleaſed.
21	d	☽ in ſiniſt. genu v.	Libra 25	8	11		46					ſtil winds. Hail
22	e	☽ cum lucid. lanc	Scor. 9	9	12		2					ind Thund. in
23	f	Term ends	Scor. 23	10	○	M	2					many places.
24	g	St. John Baptiſt	Sagit. 7	11	0		30					Many eccloſe.
25	a	☽ cum Sagit. Sagi.	Sagit. 22	12	1		28					ſtorms. hot
26	b	☽ cum neb. oc. Tit	Capr. 2	13	2		30					and pleaſant
27	c	☿ Dom. p. Trin.	Capr. 19	○	Full		☽					weather.
28	d	☽ in dex. gen. hirc.	Aqua. 5	15	9	A	2					Arnight wind
29	e	St. Peter Apoſtle	Aqua. 16	16	9		28					ang ſtorms.
30	f	☽ n. off. ohmahand	Aqua. 28	17	9		44					troubled Air.

Moons Southing

Saturn in the mor. emergeth from the Suns rays.
Jupit. the 26. d. thineth all n. rising in the even. the Sun setting, & setting in the m. the Sun ri.
Venus is *Lucifer*, the glorious morning star.
Mercury is under the Suns rays.

Epact.	Vol. Accom.	Prom. Kalen	R. Sainct d.							
1	11	a	St. Barnaby	☌ ♄ ☿ 21		1	5	50	8	14
2	12	b	Basilius					49		13
3	13	c	Corpus Christ			3		49		1
4	14	d	Vitus M.			4		49		11
5	15	e	Valerius	☌ ☉ ☿ 8		5		48		11
6	16	f	1 p. T.	□ ♄ ♂ 2		6		48		12
7	17	g	Medard	☿ Apog. Epict.		7		48		12
8	18	a	Mact. & M.	d. 16. h. 24 m.		8	3	47	8	13
9	19	b	Gervasius			9		47		13
10	20	c	Sylverius			10		47		13
11	21	d	Paul Episc.			11		47		13
12	22	e	Acharius	✶ ♄ ☿ 21 △ ♅ ♂ ♑		12		47		13
13	23	f	2 p. Trin.	☿ Apog. Eccentr.		13		47		13
14	24	g	St. John Baptist			14		47		13
15	25	a	Adelph			15	3	48	8	13
16	26	b	P. & P. M.			16		48		12
17	27	c	7 Dorm.			17		49		12
18	28	d	Leopol			18		49		12
19	29	e	St. Peter Apost.			19		49		11
20	30	f	3 p. Trin.	☽ Perig.		20		49		11
21	1	g	Theod. Bish.	✶ ☉ ♄ 8		21	5	50	8	10
22	2	a	*Visita marie*	d. 16. h. 20. m.		22		50		10
23	3	b	Tho. Fran.			23		51		9
24	4	c	Ulricus			24		51		9
25	5	d	Anshelm			25		52		9
26	6	e	Oct. Pet.	☌ ♄ ☿ 21		26		52		8
27	7	f	4 p. Trin.			27		53		8
28	8	g	Chilian			28		54		7
29	9	a	Cyrillus			29		55		5
30	10	b	7 Fratres	□ ♄ ☿ 7 △ ♅ ☿ ♊		30		56	8	4

☾ Last quarter on Sunday the 4 day, after 10 at night.
● New M. on Monday the 12 day, 30 min. past 4 aft. noon.
☽ First quart. on Monday the 19 day, at high nooh.
○ Full M. on Monday the 26 day, at three afternoon.

1	g	☽ cumer. fl. aq.	Pisc. 11	18	9	A	57		Very hot,
2	a	*Visita Mariæ*	Pisc. 23	19	10		6		oft lowring,
3	b	☽ in ligat. pisc.	Ari. 5	20	10		30		wind clearing,
4	☾	Dom. 9 Trin.	Ari. 17	☾	10		37		good Hay wea.
5	d	☽ in juba Gœti	Ari. 29	22	10		58		At night overc.
6	e	☽ pr. caud. Ar.	Tau. 11	23	11		14		wi. & showers.
7	f	☽ with Athor.	Tau. 23	24	11		38		Hot, seasonable
8	g	♄ 11 13 ♉	Gé. 5	25	12		6		weather, and
9	a	☿ 9 58 ☌ R.	Gé. 17	26	0	M	6		most part
10	b	☌ 29 11 ♌	Gem 30	27	1		2		fair and
11	☾	Dom. 10 Trin.	Can. 13	28	2		6		dry till
12	d	☉ in Leo.	Can. 27	●	New ☽		–		the 14 day.
13	e	♀ 29 55 ♊	Leo 10	1	8	A	30		At night overcast,
14	f	☿ 28 31 ♌	Leo 24	2	8		52		for rain and
15	g	*St. Swithin*	Vir. 9	3	9		4		some gentle
16	a	☽ south of Ben.	Vir. 23	4	9		20		showers.
17	b	☽ north of Alg.	Lib. 7	5	9		30		Very hot,
18	☾	Dom. 11 Trin.	Lib. 21	6	9		45		breezing wi.
19	d	☽ in ſ. ballance	Sco. 6	☽	10		12		more cool,
20	e	☽ with n. bal.	Sco. 20	8	10		50		and very
21	f	Dog-dayes beg.	Sag. 3	9	11		30		pleasant air;
22	g	*Mary Magdalen*	Sag. 17	10	12		16		but a change
23	a	☽ in arcu ſagit.	Cap. 1	11	0	M	16		is near, for
24	b	☽ in trail of ſa.	Cap. 14	12	1		7		violent ſtorms,
25	☾	St. James Apoſt.	Cap. 28	13	2		28		thund. in many
26	d	☽ ſub vent. hir.	Aqu. 11	○	Full				places, I fear
27	e	☽ in fin. cl. ſag	Aqu. 24	15	7	A	45		unwelcome floods
28	f	☽ cum Am. Aq.	Pisc. 6	16	8		0		Something more
29	g	☽ ſub vent pil	Pisc. 19	17	8		15		mild, but rain
30	a	☽ ſ. of Alger.	Ari. 1	18	8		34		or bad
31	b	☽ in linea piſc.	Ari. 13	19	8		52		weather threatned

Moons Rising. ☽ Rising.

Moons Setting.

Saturn riseth about midnight, (the Sun setting.
Jupiter the 13 day sets at midnight, the 18 day Culminates.
Mars setteth after the Sun, inconspicuous.
Venus riseth in the morning,
Mercury, although he have 29 deg. of elong. yet cannot be seen in the northern Hemisf. in the southern he is conf.

Ep. Accen.	For. Accen.	Ro. Kalend.	K. Sirnames.									
1	11	c	Pius					1	3	57	8	3
2	12	d	Nab Fælix					2		57		3
3	13	e	Margaret					3		58		2
4	14	f	6 p. Trin.					4		59		1
5	15	g	Divis Apost.	Day is 16 hours				5	4	0	8	0
6	16	a	Osmondus	☽ Apog.				5		27	58	
7	17	b	Alexius					7		3		57
8	18	c	Rosius					8		5		55
9	19	d	Antonius					9		6		54
10	20	e	Ely	☽ ☌ ♆ 16				10		8		52
11	21	f	7 p. Trin.					11		9		51
12	22	g	Mary Magda.					12		11		40
13	23	a	Apollon					13		12	7	48
14	24	b	Christiani	✶ ♂ ♀ 12				14	4	13		47
15	25	c	Jacobus					15		14		46
16	26	d	Anna					16		16		44
17	27	e	Martha	☿ elong max.				17		17		43
18	28	f	8 p. Trin.	☽ perig.				18		18		42
19	29	g	Beatrix					19		20		40
20	30	a	Ab. & Sc.					20		21	7	39
21	31	b	German					21	4	23		37
22	Aug.	c	Lammas	△ ☉ ♅ 19 ✶ ♄ ♀ 15				22		25		35
23	2	d	Step. Mar.	☽ ☊ 15				23		27		33
24	3	e	Juven. Step.	Day is 15 hours.				24		29		31
25	4	f	8 p. Trin.	□ ☉ ♄ 0				25		30		30
26	5	g	Oswaldus	□ ♅ ♂ 21				26		32		28
27	6	a	Sixtus					27		34		26
28	7	b	Cou. Ph.	♅ Statio				28		36		24
29	8	c	Citriack					29		37		23
30	9	d	Ro. Mar.	△ ♄ ♂ 12				30		38		22
31	10	e	Laurentius					31		38		22

Auguſt hath xxxi Days.

☾ Laſt quarter on Tueſday the 3 day, paſt 3 after noon.
● New Moon Wedneſday the 11 day, near 3 in the morn.
☽ Firſt quart. on Tueſday the 17 day, 30 min. paſt 5 aft. n.
○ Full Moon Wedneſd. the 25 day, a little bef. 5 in the m.

1	☉	*Lammas Day*	Aries	25	20	9	A 4		wi. clearing
2	d	☽ with Alamac.	Taur.	7	21	9	28	Moons Riſing	foggy morn.
3	e	*Inuent. Step.*	Taur.	19	☾	9	45		olt mutable
4	f	☽ with Lyra pod	Gem.	1	23	10	28		weather, but
5	g	☽ with Auriga	Gem.	13	24	11	5		moſt part fair
6	a	☿ 12 21 ♉ D	Gem.	25	25	11	56		and dry till
7	b	♄ 9 41 ♐	Canc.	8	26	12	56		the 10 day,
8	c	☉ 18 Dom. p. Trin.	Canc.	21	27	0	M 56		
9	d	☽ 18 5 ♍	Leo	5	28	2	15		
10	e	*St Laurence*	Leo	19	29	3	56		Probably ſom
11	f	☽ 4 54 ♎	Virg.	3	●	4	☽		dripp. rain,
12	g	*Clare*	Virg.	18	17	4	A 24		but generaly
13	a	☽ 11 4 ♍ R.	Libr.	3	27		55		good harveſt
14	b	☉ in Virgo	Libr.	17	28		5		weather.
15	c	*Aſſumpt. Mariæ*	Scorp.	2	48		30	Moons Setting	(except the
16	d	☽ neck of the ſer.	Scor.	15	59		0		15, 17, 26
17	e	☽ in ſin ped. oph	Sagit.	1	39		30		and 25 days,
18	f	*Helens*	Sagit.	14	7	10	15		to the months
19	g	☽ in Arc. ſag ſep	Sagit.	28	8	11	20		end.)
20	a	☽ near Antinous	Capr.	11	9	12	18		
21	b	☽ en Sin. Co. Hir.	Capr.	24	10	0	M 18		
22	c	☉ 12 Dom. p. Trin.	Aqua.	7	11	1	A 30		Foggy morn.
23	d	☽ ſ of Gip. Equ.	Aqua.	20	12	2	☾ 0		with ſome
24	e	S. Barth. Ap.	Pisc.	2	13	4	8		Hoar froſt.
25	f	☽ with Algarez	Pisc.	15	○	Full	☽	Moons Riſing	Some
26	g	*Dog days end*	Pisc.	27	15	7	A 2		morning
27	a	☽ in Faciis Piſc.	Aries	9	15	7	16		froſts,
28	b	☽ n. of Algarnar	Ari.	21	17	7	28		olt fogg,
29	c	☉ 13 Dom. p. Trin.	Taur.	3	18	7	43		and many
30	d	☽ cum Caud. Ar	Taur.	15	19	8	0		overcaſt,
31	e	☽ ſ in tib. per ſ	Taur.	27	20	8	32		briſk w. cold.

AUGUST, 1675.

Saturn ariseth before midnight, about the 8 day he Culminates, the Sun rising.
Jupiter setteth before midnight.
Mars setteth after the Sun, yet not to be seen.
Venus riseth before the Sun. (morning.
Mercury near the end of the month, may be seen in the

Engl. Accom.	Rom. Accom.	Rom. Kalend.	Saints days							
1	11	f	S. Petri Vinc.	☽ Apog.		1	4	39	7	41
2	12	g	Clara	Day 14 h. 40 m.		2		40		20
3	13	a	Hippolis	☿ perig. epic.		3		42		18
4	14	b	Eusebius			4		44		16
5	15	c				5		46		14
6	16	d	Assump. Mar.			6		48		12
7	17	e	Rochus	☌ ☉ ☿ 16		7		50		10
8	18	f	Oct. Laur.	☽ ☊ 1		8		52		8
9	19	g	Sebaldus			9		54		6
10	20	a	Athanasius			10		56		4
11	21	b	Oct. Assump.			11		58		2
12	22	c	Zacheus			12		59		1
13	23	d	Zympho			13	5	1	6	59
14	24	e	St. Barthol.	☽ Perig.		14		3		57
15	25	f	VII p. Trin.			15		5		55
16	26	g	Zephar.	△ ♆ ☿ 5		16		6		54
17	27	a	Gebhaut	□ ♄ ☿ 19		17		8		52
18	28	b	Auguft	Day is 13 hou.		18		10		50
19	29	c	Decol. 10	☽ ☊ 20		19		12		48
20	30	d	F. St And.			20		14		46
21	31	e	Paulinus			21		16		44
22		f	VIII p. Tr.			22	5	18	6	42
23	2	g	Veronica			23		20		40
24	3	a	Gregory	□ ☉ ♆ 5		24		22		38
25	4	b	Theodof.	△ ☉ ♄ 10		25		24		36
26	5	c	Zacharias			26		26		34
27	6	d	Magnus			27		28		31
28	7	e	Regina	☽ Apog.		28		30		30
29	8	f	Nata Maria			29		31		29
30	9	g	Gorgon			30		33		28
31	10	a	Sylvius	Day 12 h. 30 m.		31	5	35	6	25

☾ Last quart. on Thurſd. the 2 day, 30 min. paſt 8 in the m.
● New M. on Thurſd. the 9 day, 15 min. paſt eleven befo.
☽ Firſt quart. on Thurſd. the 16 day, at 2 in the morning.
○ Full Moon on Thurſd. the 23 day, 15 before 9 at night.

1	f	Gyles Abbot	Gem. 9	21	9	A	19		Kind ſeaſon.
2	g		Ge. 21	☾	10		4	Moons Rising	harveſt-wea.
3	a	Nouerit me ſuſci	Can. 3	23	11		5		begins the m.
4	b	pcendi gratia.	Can. 16	24	12		4		Oft windy,
5	c	14 Dom. p. Trin.	Can. 29	25	0	M	4		at ni. overcaſt,
6	d	☽ 11 58 ♍ ℞	Leo 13	26	1		26		but ſeaſonab.
7	e	☿ 12 8 ♐	Leo 27	27	3		0		A probabil. of
8	f	Nat. Maria	Vir. 11	29	4		43		ſom ſtore of r.
9	g	☉ 8 11 ♎	Vir. 26	●	New	☽			this new moon
10	a	♀ 11 49 ♏	Lib 12	1	6	A	30		Pleaſant air,
11	b	♀ 16 44 ♏	Lib. 27	2	6		55		but mutable,
12	c	15 Dom. p. Trin.	Sco. 12	3	7		15		inclining to r.
13	d	☉ in Libra	Sco. 26	4	7		50	Moons Setting	Fair
14	e	Exalta Crux	Sag. 11	5	8		44		brisk winds
15	f	Cypher w. Eaſt	Sag. 25	6	9		28		clearing oft
16	g	☽ in capite Sagit.	Capr. 8	☽	10		44		morning froſts
17	a	☽ ſ. of Aſkaire	Cap. 21	8	11		55		ſtorms, thund.
18	b	☽ ſub fin. man. ♎	Aqu. 4	9	12		56		& rain, about
19	c	16 Dom. p. Trin.	Aqu. 17	10	0	M	56		this time.
20	d	☽ in dext. clu. ♎	Aqu. 29	11	2		0		Oft fogs and
21	e	S. Matthew Apoſt.	Piſc. 11	12	3		27		morni. froſts,
22	f	☽ in qn. inf. piſc.	Piſc. 24	13	4		40		moſt part
23	g	☽ pr. l. c. in lin. ♈	Aries 6	○	Full	☽		Moons Rising	fair to
24	a	☽ cum ſtel. p. ſl. ♈	Ari. 18	15	5	A	48		the 26 day:
25	b	☽ near rib. Ram	Ar. 30	16	6		0		at ni. overcaſt,
26	c	17 Dom. p. Trin.	Tau. 12	17	6		16		great winds,
27	d	☽ with Virgill.	Tau 23	18	6		50		but moſt part
28	e	☽ in dex. Au. Ta	Gem. 5	19	7		14		dry weather,
29	f		Gem 17	20	8		2		windy,
30	g	☽ in ſin. ped. caſ.	Gem 29	21	9		0		raiſing clouds.

Saturn riseth in the evening, after the Sun set.
Jupiter setteth after the Sun.
Mars setteth after the Sun, yet invisible.
Venus in the morning, shines gloriously.
Mercury disappears, *ad Solem se recipiens.*

Eng. Accompt.	Forr. Accompt.	Rom. Kalend.	Saints days								
1	11	b	Guidonus	Day 12 hou. 46 min.			1	5	37	6	32
2	12	c	Cardanus				2		40		30
3	13	d	Ebaldi	☽ ♍ 7			3		42		18
4	14	e	Exalta Crucis				4		44		16
5	15	f	14 p. Trin.				5		45		15
6	16	g	Euphem	△ ♄ ☿ 18			6		47		13
7	17	a	Lampertus	□ ♃ ☿ 20			7		49		16
8	18	b	Embow. Fall	△ ♄ ♀ 19			8		50		10
9	19	c	Quaternel	□ ♃ ♀ 14			9		51		9
10	20	d	Fauste				10		53		7
11	21	e	St. Matthew	☽ Perig.			11		55		5
12	22	f	15 p. Trin.	Day is 12 h.			12		58		2
13	23	g	Esdra				13	6	0	6	0
14	24	a	Samuel				14		2	5	58
15	25	b	Cleoph.	☽ ♌ 21			15		4		56
16	26	c	Cyprian				16		6		54
17	27	d	Cos. Dom.	✱ ♃ ♂ 5			17		8		52
18	28	e	Wenselaus				18		10		50
19	29	f	S. Mich Aren				19		12		48
20	30	g	Hierom				20		14		46
21	Octo.		Remigius				21		16		44
22	2	b	Leodeg				22		18		42
23	3	c	Maxim.				23		20		40
24	4	d	Francisci	d. is 11 h. 10			24		22		38
25	5	e	Apollinar	☽ Apog.			25		24		36
26	6	f	17 p. Trin.	☌ ☉ ☿ 3			26		26		34
27	7	g	Brigit	✱ ♃ ♀ 4			27		28		32
28	8	a	Pelagius	✱ ☉ ♃ 3			28		30		30
29	9	b	Dyonisius				29		32		28
30	10	c	Gedeon	☿ Perig Epic.			30	6	34	5	25

October hath xxxi Days.

☾ Last quarter on Friday the first day, at midnight.
● New Moon on Friday the 8 day, near 8 at night.
☽ First quarter on Frid. the 15 day, a little bef. 2 aftern.
○ Full M. on Saturd. the 23 day, 45 min. past 2 aft. noon.
☾ Last quarter on Sunday the 31 day, at 2 after noon.

1	a	☽ in Dext. Lib.	Canc. 12	☾	10	A	2	♉	Rising	Great winds
2	b	☽ near Mark eb	Canc. 25	23	11		15			being hail, sno.
3	c	18 Dom. p. Trin.	Leo 8	24	12		30			or cold rain,
4	d	☿ to 19 ♎ R	Leo 21	25	0	M	30			more fair,
5	e	☿ 16 19 ♐	Virg. 5	26	1		50			but cold.
6	f	☿ 26 13 ♍	Virg. 20	27	3		30			some frost.
7	g	*Brigit*	Libr. 5	28	5		8			Fair and
8	a	☿ 16 44 ♍	Libr. 20		New		☽			good weather,
9	b	☿ 5 10 ♏	Scor. 5	1	5	A	18			a night rai-
10	c	19 Dom. p. Trin.	Scor. 20	2	5		45			like, with
11	d	☽ in corp. Scorp.	Sagit. 5	3	6		30			lof y winds,
12	e	☽ in Scorpio	Sagi. 21	4	7		28			more mild,
13	f	☽ in oculo Sag.	Capr. 4	5	8		35			probably frost
14	g	☽ fron. sin. cl. 7ii	Capr. 18	6	9		43			and cold wea.
15	a	☽ in Rictu Capr.	Aqua 1	☽	11		0			thnl. snow and
16	b	☽ in dex Cor. ♒	Aqua 14	8	12		20			impetuous wi.
17	c	20 Dom. p. Trin.	Aqua 26	9	0	M	20			about this
18	d	S. Luke Evang.	Pisc. 9	10	1		15			time.
19	e	☽ sub vent pi. c.	Pisc. 21	11	2		22			Breez. winds,
20	f	☽ in lino pisc.	Aries 3	12	3		34			and indifferent
21	g	Ursula	Aries 15	13	4		50			calm till night
22	a	Erasmus	Aries 27	14	6		5			then high wi.
23	b	Term begins	Taur. 9	○	Full		☽			S. ow or cold
24	c	21 Dom. p. Trin.	Taur. 20	16	3		58			rain, and
25	d	*Crisp. Crispinian*	Gem. 2	17	5		28			very chu'lish
26	e	☽ sept. cing. ori.	Gem 14	18	6		(			wenerly wea.
27	f	☽ sup. ped. Apol	Gem 27	19	6		58			ther for the
28	g	S. Simon S. Jude	Canc. 9	20	8		(			Mo. e mild and
29	a	☽ with n. leg Cr.	Can. 21	21	9		(			gentle
30	b	☽ in Au br. Canc.	Leo 4	22	10		28			weather, at
31	c	22 Dom. p. Trin.	Leo 17		11		4			

Moons Setting

Marks of Winds

OCTOBER, 1675.

Saturn about the 20 day, shines all night.
Jupiter sets aft. the Sun, & is visib. in a clear ev.
Mars riseth before the Sun, invisible.
Venus in the morning is not seen, being Comb.
Mercury is obscured this month.

Eccl. Acco.	Fort. Acco.	Ro. Kalend.	R. Saints da	
1	11	d	Nichas	☌ ☿ ♐ 10
2	12	e	Colmanus	
3	13	f	18 p. Trin.	
4	14	g	Theoph.	
5	15	a	Calixtus	
6	16	b	Hedevig.	
7	17	c	Gallus	d. 10. ☾ h. 20 m.
8	18	d	St. Luc.	✶ ♃ ☿ 3
9	19	e	Prolom.	
10	20	f	19 p. Trin.	
11	21	g	Arsula	☍ ♄ ♉ 1
12	22	a	Cordula	
13	23	b	Severinus	
14	24	c	Salome	
15	25	d	Crispinus	☿ Apog. Epic.
16	26	e	Amandus	☌ ☉ ☍ 0
17	27	f	20 p. Trin	
18	28	g	Simon & Jude	
19	29	a	Narcissus	
20	30	b	Ger. Ep.	♄ Perig. Epic.
21	31	c	Wolfga.	☍ ☉ ♄ 23
22	Nov.	d	Omni Sanct.	☽ Apog. Day is 91.
23	2	e	Omni Animarum	
24	3	f	21 p. Trin.	☍ ♄ ☍ 4
25	4	g	Amantius	☌ ♄ ♉ 10
26	5	a	Richardus	
27	6	b	Leonhardus	☌ ☍ ♀ 1
28	7	c	Florent	
29	8	d	4 Cro. Mart.	
30	9	e	Theodore	☽
31	10	f	22 p. Trin.	

1	0 30	24
2	38	22
3	40	20
4	42	18
5	44	16
6	46	14
7	48	12
8	50	10
9	52	18
10	6 54	6
11	55	4
12	58	2
13	7 0	0
14	2	58
15	4	56
16	6	54
17	8	52
18	10	50
19	12	48
20	14	45
21	15	45
22	17	45
23	19	41
24	20	40
25	22	32
26	24	36
27	26	34
28	28	32
29	30	30
30	32	28
31	7 33	4 27

● New Moon on Sund. the 7 day, near 6 in the morn.
☾ First quart. on Sunday the 14 day, aft. 5 in the morn.
○ Full M. on Monday the 22 day, 2 qu. aft. 9 in the morn.
☽ Last qu. on Tuesd. the 30 day, 30 min. aft one in the m.

1	d	Omnes Sancti	Virg.	1	24	12	45	Moons Rising.	Fair, at night
2	e	All Souls	Vir.	14	25	0 M	45		overcast,
3	f	Winifrid	Vir.	28	26	2	28		cold, frost &
4	g	♄ 7 51 ♍ ☽	Lib.	13	27	3	43		seasonable
5	a	Papists Conspi.	Lib.	28	28	5	28		kind weather.
6	b	♃ 22.38 ♐	Sco.	13	29	6	30		If frost set
7	c	☽ Dom. 2 Trin	Sco.	29	●	New	☽		in this moon
8	d	☿ 19 0 ♏	Sag.	14	1	5 A	6		it's like to hold.
9	e	♀ 26 56 ♏	Sag.	28	2	6	28		Driving snow
10	f	☉ 20 9 ♐	Cap.	13	3	7	30	Moons Setting.	or cold rain
11	g	St. Martin	Cap.	26	4	8	45		these days.
12	a	Sol in Sagit.	Aqu.	10	5	10	5		Wi. cleering,
13	b	☽ in fin. cl. Aqu.	Aqu.	23	6	11	15		frost, & good
14	c	St. Lawrence	Pisc.	5	☽	12	30		winterly wea.
15	d	♁ Garth. Nata.	Pisc.	18	8	0 M	30		and holesome
16	e	☽ pr. caud. pisc.	Pisc.	30	9	1	22		pleasant Air,
17	f	☽ ca lu. stel. pisc.	Ari.	12	10	2	30		gentle winds
18	g	☽ in capite Cæti	Ari.	23	11	3	33		and healthful.
19	a	Elizabeth	Tau.	5	12	4	35		Snow or
20	b	☽ in ul. cau. Ar.	Tau.	17	13	5	48		very cold air,
21	c	Oblat. Marie	Tau.	29	14	6	2		more mild
22	d	Cecilis	Ge.	11	●	Full	☽		and gentle
23	e	St. Clement	Ge.	23	16	5	50	Moons Rising.	weather this
24	f	☽ in fin. gen. pol.	Can.	6	17	6	2		full moon.
25	g	St. Catharine	Can.	18	18	7	0		Oft misty,
26	a	☽ in pect. Can.	Leo	1	19	8	12		but generally
27	b	☽ in cap. leonis	Leo	14	20	9	30		good seasons
28	c	Adv. Sunday	Leo	28	21	10	48		winterly
29	d	Term Ends	Vir.	1c	22	11	55		weather to
30	e	St. Andrew Ap.	Vir.	24	☾	13	20		the mon. end.

Saturn setteth in the morning before the Sun riſing.
Jupiter in the evening is obſcured, and ceaſeth to be ſeen.
Mars riſeth before the Sun, but not to be ſeen.
Venus, not viſible, being near the Sun.
Mercury is Inviſible to us, but about the Cape of good Hope, in the latter end of the moneth may be plainly ſeen.

Fort. Accompt		Ro. Kalender.	R. S. Saints days.										Fort. Accompt
1	11	g		Martinus					1	7	34	4	26
2	12	a		Brice					2		36		24
3	13	b		Gratia					3		38		22
4	14	c		Frederic		Day is 8 h. 40 m.			4		39		21
5	15	d		Leopoldus					5		40		20
6	16	e		Ed. Ep.					6		42		18
7	17	f		23 p. Trin.					7		43		17
8	18	g		Oct. Mart.					8		45		15
9	19	a		Elizabetha					9		46		14
10	20	b		Edm. Rex		☌ ☉ ☿ 5			10		48		12
11	21	c		Oblat. Mariæ		☿ Elong. Max.			11		49		10
12	22	d		Cæcilia		☿ Apog. Eccent.			12	7	50	4	10
13	23	e		Clement		☿ Apog. Epic.			13		52		8
14	24	f		24 p. Trin.					14		53		7
15	25	g		Katharina					15		55		4
16	26	a		Conrad.					16		56		
17	27	b		Agricola					17		57		3
18	28	c		Thomas					18		58		2
19	29	d		Saturnius		☽ Apog.			19		59		1
20	30	e		Andr. ca.					20	8	0	4	0
21	Dec.			Advent. Dom.					21		1	3	59
22	2	g		Candidus					22		2		58
23	3	a		Lucius		☽ ☋ in 9			23		3		57
24	4	b		Barbara					24		4		56
25	5	c		Saba Ab.					25		5		55
26	6	d		Nicolaus					26		6		54
27	7	e		Julianus		☌ ☉ ☿ 2			27		7		53
28	8	f		Concep. Mariæ		☿ Perig. Epic.			28		7		53
29	9	g		Joachimus					29		8		52
30	10	a		Melchia		D. 7. h. 40 m.			30	8	9	3	51

December hath xxxi Days.

New M.on Mond. the 6 day, 30 min. past 4 afternoon.
First quart. on Mund. the 13 day, near midnight.
Full M.on Wednesday the 22 day, before 4 in the morn.
Last quart. on Wednesd. the 29 day, near eleven bef.

1	f	♄ 6 6 ☌ ☽.	Libra 8	24	1	M	2c	☽		Kind weath.
2	g	☿ 28 27 ☽	Lib. 23	25	2		46	Rising		at ni. overc.
3	a	☉ 6 40 ☽	Scory. 7	26	4		18			drisl. & slaby
4	b	Barbara	Scor. 22	27	5		32			Very plesa.
5	c	Sund. in Adv.	Sagit. 7	28	6		58			fresh W. Air
6	d	Nich. Ep.	Sagit. 22	●	New	☽				for the seas.
7	e	☽ 2 11 ♈	Capr. 6	1	4	A	52			winds stilling
8	f	Conceptio Mariæ	Capr 21	2	6					snow or
9	g	☽ in Dorso Cap.	Aqua 5	3	7		56			cold rain.
10	a	☽ in Cap. caud. ir.	Aqu. 18	4	8		58			more mild
11	b	☉ in Capricorn	Pisc. 1	5	10		25			& seasonable
12	c	Sund. in Adv.	Pisc. 14	6	11		2c			winter weath.
13	d	Lucia Vir.	Pisc. 26	☽	12		28			with frost
14	e	Nerei. in fin.	Aries 8	8	0	M	28			to the
15	f	Ember w. Pisc.	Aries 20	9	1		15			16 day.
16	g	☽ ☍ of Sched.	Taur. 2	10	2		34	Moons Setting		Snow wat.
17	a	☽ north of Kayt.	Taur. 14	11	3		27			fresh air
18	b	☽ ☍ of Perseus	Taur. 26	12	4		35			& good wea.
19	c	Sund. in Adv.	Gem. 8	13	5		32			Dry Bitter
20	d	☽ n. of Pedeig.	Gem. 20	14	6		35			lofty winds
21	e	S. Thomas Apost.	Canc. 2	15	7		26			most part
22	f	☽ in Capite Gem.	Canc. 15	●	Full	☽				clearing,
23	g	☽ in Pect. Canc.	Canc. 28	17	5	A	58			At ni. overc.
24	a	☽ in ore Leonis	Leo 11	18	7		14			Dry, Cold
25	b	Natus Christus	Leo 24	19	8		44	Moons Rising		winds, bring
26	c	S. Stephen	Virg. 7	20	10		0			snow and
27	d	S. John	Virg. 21	21	11					wint. weath.
28	e	Innocentes	Lib. 5	22	12		28			Cold & dry
29	f	☽ in clene Vir.	Lib. 19		0	M	28			more warm. &
30	g	☽ n. of Typhon	Scor. 3	24	1		3c			dul, misty, cloud
31	a	Dragar Eneoua.	Sco. 17	25	2		57			wea. her or rain.

Saturn setteth after midnight.
Jupiter is Combust, and so invisible.
Mars, though recovered from combustion, yet cannot in the morning be seen of us. (the evening.
Venus about the end of the month, recovers from Com. in
Mercury the last part of the m. in the morn. may be visible

Engl. Accou.	Forr. Accou.	R. Kalend.	Festivals &c.					
					1	☌ 10	☌ 50
1	11	b	Damasci		2	11	49
2	12	c	Eplnachus				
3	13	d	S. Lucia	☽ Perig.	3	12	48
4	14	e	Nicas	☌ ♆ ☿ 13	4	13	47
5	15	f	3 in Advent		5	13	47
6	16	g	O Sapient	☽ ☊ 17	6	13	47
7	17	a	Lazarus	☌ ☌ ☿ 7	7	13	47
8	18	b	Ember w. Fast		8	13	47
9	19	c	Julianus	△ ♄ ☿ 17	9	13	47
10	20	d	Nemesius	D. is 7 h. 34 m.	10	13	47
11	21	e	St. Thomas	♅ Apog. Epic	11	13	47
12	22	f	4 in Advent	☌ ☉ ♅ 1	12	13	47
13	23	g	Victoria	☿ Perig. Eccent.	13	13	47
14	24	a	Ad. & Eve		14	13	47
15	25	b	Natus Christus		15	13	47
16	26	c	St. Stephen	△ ☉ ♄ 13	16	13 3	48
17	27	d	John Evang.	☽ Apog.	17 8	12	49
18	28	e	Innocents		18	11	50
19	29	f	Tho. Becket	☿ Elong. Max.	19	10	51
20	30	g	David	☽ ♃ 22	20	9	52
21	31	a	Silvester		21	8	53
22	Janu.		Circumcis. Dom.		22	7	54
23	1676		Oct. Step.	D. is 7 h. 50 m.	23	6	55
24	3	c	Oct. Joh.		24	5	55
25	4	d	Telesp.		25	4	56
26	5	e	Simeon	☌ ☌ ☿ 12	26	3	57
27	6	f	Epiphany		27	8	57
28	7	g	Joice Virg.		28	3	57
29	8	a	Erhardus		29	3	58
30	9	b	Agapite	☽ Perig.	30	2	58
31	10	c	Paul Eremite	△ ♅ ♄ 13	31 8	23	58

Julian 4	Golden Number	4	Gregorian
14	Epact	4	
4	Cyclus Solis	4	
13	Roman Indiction	13	
	Dominical Letter	F	
February 14	Shrove Sunday	24	February
April 4	Easter day	14	April
May 23	Whitsunday	2	June
Novemb. 28	Advent Sunday.	1	December.

The Anatomy of Mans body as they are Planitarily governed by the Twelve Cœlestial Signs.

♈ *Aries*, Head and Face.

♉ *Taurus*, Neck and Throat.

♋ *Cancer*, Breft and Stomach.

♍ *Virgo*, Bowels and Belly.

♏ *Scorpio*, Secret Members.

♑ *Capricorn* Knees.

♊ *Gemini* Arms and Shoulders.

♌ *Leo*, Heart and Back.

♎ *Libra*, Reins & Loyns.

♐ *Sagitarius* Thighs.

♒ *Aquarius* Legs.

♓ *Pisces*, the Feet.

The most material Aſpects, with Characters of the Planets.

	When diſtant	Degrees			
☌ Conjunction	0	sig.	gr.	♄ Saturn	Cold and dry.
✶ Sextile is	2.		60	♃ Jupiter	Hot and moiſt.
□ Quartile is	3.		90	♂ Mars	Hot and dry.
△ Trine is	4.		120	☉ Sol	Hot dry temper.
☍ Oppoſition is	6.		180	♀ Venus	Cold & moiſt tep.
☊ Dragons h.				☿ Mercury	Cold and dry.
☋ Dragons t.				☽ Luna	Cold and moiſt.

SAUNDERS,

1675.

Of Eclipſes this preſent Year 1675.

THough the Learned *Argol* be pleaſed to mention but *two* great *Eclipſes* of the *Moon*, and one of the *Sun* this year, yet upon more exact ſcrutiny, there is found no leſs than *five*, *two* of the *Sun*, and *three* of the *Moon*. The *firſt* will be of the *Moon*, the firſt of *January*.

	Hor.	*Min.*	
The beginning at	5	44	
The beginning of total darkneſs	6	49	
The middle of the Eclipſe at	7	39	at
She will begin to recover light	8	30	night.
The end at	9	50	

This will be a very *great* and *total* Eclipſe, almoſt 12 Digits, the *Moon* will be in *total* darkneſs *one* hour 41 min, and the *whole duration* from the *beginning* to the *end* will be almoſt 4 hours. This is celebrated in the *Eaſt* Angle of Heaven, near *Cauda*, in her own *Houſe*, in 21 deg. 50 min. of *Cancer*. *Variæ ſunt opiniones apud Aſtrologos in eligendo domino Eclipſis, Quas hic ſigillatim recenſere, nimis longum foret, noſtri inſtituti eſt, eas in medium afferre, quæ rationi & experientiæ conſentaneæ eſſe videntur.* To leave Opinions, *Jupiter* is *chief* Dominator, *& in regimine Mars adjungitur*, with whom *Mars* joyns in power, and *Mercury* is much fortunated by the preſence of *Jupiter*, and Sextile of *Venus*, *Mercury* being Lord of the 10*th*. and aſcendant, will happily fortunate thoſe, whoſe Nativities concur herewith, until they have any bad direction impending.

pending. *Effectus enim directionum præstantiores & potentiores sunt quam Eclipsium.* Therefore a bad *Direction* may infelicita e the *good* of an *Eclipse*, and a *good* Direction will meliorate the *evil* thereof: as the *Eclipse* is great, so are we to judge of the effects. *Nam quanto plus Luminis amittunt, tanto vehementius operantur.* And as an *Eclipse* is a privation of Light, so in general, they portend no good, but rather a privation thereof, and are of malignant signification. And although *Jupiter*, as *Lord* of this *Eclipse*, may signifie to *persons health* in general, to *Great* persons prosperity, a *good* increase of the *Fruits* of the Earth, and a *good end* of great undertakings; for as he is posited, by himself he signifies *peace* and *plenty*, *health* and *safety*; but participating with *Mars*, and the partile □ of *Saturn* to the *Moon* and *Sun*, which are more powerful for mischief, than *Jupiter* can be for good; *pessimum autem est quod in quadratum loci Eclipsis, uterque malignus Planetas constituitur, fructus quosdam terræ tollit vel saltem extenuat ex vesperina ac violenta tempestate Aeris*, doth threaten a bad and unkind Spring for the fruits of the Earth, and a *sickly* season. *Ob imbrium abundantiam, sterilitatem & pestes*; the Air is like to be uncertain, wet and *cold*, *dry* and *hot*, the Planets being irregularly affected; for though a Planet cannot loose his *active* qualifications, *secundum totum, sed bene possunt amittere suas qualitates passivas; itaque Planeta calidus & siccus potest esse humidus, sed non potest esse frigidus*: a Planet that is by nature *hot* and *dry*, may be *hot* and *moist*, but cannot be *hot* and *cold*. From whence I fear a very *sickly* season, especially to those persons and places under or near the 22 degree of *Cancer*, *Capricorn*, *Aries*, or *Libra*: and the two malevolent Planets afflicted in, and afflicting the ninth House, *statum infelicem, Ecclesiasticis personis (transmare) minatur, ac varios morbos generatur, utpote pestilentiam, apoplexiam, spasmum, dolores capitis, passiones spinæ dorsi, & pestilitates in corpore; possent mutationes periculosas inducunt tam in politicis quam religione, hinc & religiosi cuidam Antistiti, exitum vitæ affert.*

The

The second is of the *Sun*, *June* 13. about 6 a clock in the morning; it *begins* before, and is in the beginning of *Cancer*, and may in *part* be seen of *us*, if the sky be *clear*; it will be *more* visible in *Italy* and *Spain*, and in *Greenland* and some parts of *Tartary*, it will be near a *Central* and Total Eclipse.

Because these *three* Eclipses are very little apparent to us, I will mention them together.

The *fourth* Eclipse also is of the *Sun*, the 6 of *December*, about 5 a clock at night, about the 25 degree of *Sagittarius*, and will be *invisible* to us, because the *Sun* will be *set* before the *Eclipse begins*, and be *under* our Horizon, above an *hour* and a *half* before the height of the *Eclipse*.

The fifth *Eclipse*, and *last* in order this year, is of the *Moon*, the 22 of *December*, at our 4 a clock in the morning, in the 11 degree of *Cancer*. This will appear to *us*, if the *Sky* be serene, in the *West* part of the *Heavens*, early in the morn; the beginning hereof will be seen in *Persia*, *Tartaria*, and to such as *Navigate* the *South* Seas: But *California*, *Brasil*, *Greenland*, and *Terra Nova*, will have it in their *Meridian*. It will be but a *small* Eclipse, *Et quia omnino exigua pars corporis lunaris obumbratur, sit ut significationes ejus valde tenues ac imbecilles sint, vel irrita fiant.*

The *third Eclipse* (and mention'd in the *last* place) is of the *Moon*, on the 27 day of *June*, the

	Hor.	*min.*	
Beginning will be at	1	47	in the morning.
Beginning of total darkness at	3	00	
Middle of the Eclipse at	3	41	
Beginning of recovery of light at	4	20	
The end at	5	34	
The Moon will be totally dark	1	20	
The whole duration of the Eel. will be	3	47	

This will in *part* be somewhat visible to us in *England*, but not *much*, because the *Sun* riseth before the Eclipse be *ended*; *those* that *inhabit* or *Navigate* the *Caribbe Islands*, *Brasile*, and St. *Laurance*, may see it in their *Meridian*. This will be a great and *total*

Eclipſe, where it is viſible, and extends to 15 digits of the *Moons* body. This *Eclipſe* falls in the *oppoſite* Sign to the other great Eclipſe, and will add affliction to thoſe places afflicted by the other. *Nam referenda ſunt illa malignæ ſignificationes Eclipſis ad homines in quorum nativitatibus, ſeu revolutionibus locus horoſcopi, Solis aut Lunæ fuerit 15 gradus vel circiter, Cancri Arietis, Libræ vel Capricorni, ii etenim ultra expoſitas adverſitates, vexabuntur animi perturbationibus & infirmitatibus corporis, nonnulli eorum de vita periclitabuntur quorum videlicet Hylech antedicta Orbis ſigniferi loca tenuerit, item qui medium Cæli aut partem fortunæ in eiſdem Zodiaci partibus habuerint, illi honorum, magiſterii & opum jacturam facient.* Multitude of *miſchiefs*, both as to *health* and *fortune*, to them who are *under* the ſignification of this *Eclipſe*; *Et hominibus juvenibus per intemperantiam cibi ac potus, malum conciliat, inducit morbos qui ex inflammatione epatis & corruptione ſanguinis naſcuntur, aulicis aliquibus ſtatum infælicem denuntiat, atque etiam multeribus prægnantibus.* To young and luſty people, through intemperance of meat and drink, eſpecially *Brandy*, brings many diſtempers, chiefly ſuch as proceed from the inflammation of the *Liver*, and corruption of *blood*. Let *Brandy-drinkers* take warning, for their *blood* will be *more* apt to be now, then at other times, *inflamed*, and give a ſpeedy *Exit* to many.

Of the Four Quarters of the Year,
And firſt of Winter.

WHich began the 11 of *December* laſt, at *ten* minutes after *ten* in the *morning*, the *Sun* then entring the *firſt* ſcruple of *Capricorn*. This *Quarter* is generally *cold* and *moiſt*, the *Sun* entring *Capricorn* in the *beginning*; it is more *cold* than *moiſt*, the *Sun* in *Aquarius*, equally *cold* and *moiſt*; the *Sun* in *Piſces*, more *moiſt* than *cold*. Amongſt

Amongst the *Humours*, *Flegm* is most predominant and of Constitutions, the *cold* and *moist*. Decrepit *old Age* doth most sympathize with this Season, whence it is, that *old* and *phlegmatick* persons are now *most* distempered, and the *cholerick* best in health; *Age* is most impotent, and *Youth* most vigorous and healthful.

Those *Diseases* are most obstinate to cure, whose original are from *tough flegm*, as *Quotidian Agues*, and the like; the *less* dangerous are such as proceed from *choller*, as the *Tertian*. The *Winter Maladies* are *Achronick* for the most part, and *durable*.

In the government of this *Winter* Quarter, *Saturn* hath most dominion, and *Mars* and *Mercury* come next nearest in dignity.

Saturnus frigus intensum significat, bruta animalia interimit, & terræ nascentia impedit. In his signification alone he so affects the air with *vehement* cold, that it would not be easily *sufferable* by *man* or *beast*, and *destructive* to the *fruits* of the earth: But *Mars Hyemis frigora contemperat*, doth qualifie the *air*, and makes it much *drier* and *warmer*: but *Mercury*, as he is *mutable*, so this Quarter will stir up *turbulent* Winds, which frequently bring *Snow*, and sometimes *impetuous storms* of *Rain*. But the general constitution of the *Air* will incline to *frost*, *snow*, *winds*, *storms*, and *churlish* weather. So that it is like to be a *hard Winter*. The more particulars of the weather are in the diary pages till the 20 of *March*.

In the *position* of the *Heavens* this *Quarter*, both the *Luminaries* are strongly *afflicted* by the *Malevolents*, both of them opposing the *Moon*, and squaring the *Sun*, which in brief portend *bad* weather, a *sickly* season, and much *discontent* amongst most sorts of people; *in summa, mirabile quidpiam causa— rerum & personarum notatur*, the *Moon*, oppos'd by *Saturn*, and *ex ♂ Ariete violento voluptuosoque signo, multa matrimonia voluptaria promittit, unde divortia præsignatur, inter Lunares filios, & filias videtur.* Many unhappy *Marriages* assented unto, which will make men in many senses like *Eunuchs*.

natiuity. Idque propter oppositionem utriusque maligni Planetæ ad Lunam, eorum quadratum ad Solem, potissimum vero magnatibus, tam spirituali quam seculari dignitate fulgentibus, in aliqua regione plurima mala portendit, deinde pestilentiæ contagio minatur, Quod Deus avertat.

Of the Spring Quarter.

WHich begins this *year* the 10 of *March*, a little before 10 a clock in the *morning*, the *Sun* then entring the first scruple of *Aries*, equalizing *day* and *night* (except under the Polar Circles) all the *World* over, the *Air* then obtaining an equal *temperament*, by reason of which, the *pores* of the Earth are relaxed, and a *generative* vivifying fume evaporateth, which breathingly ascending by the chilified roots of Herbs and Plants produceth and quickneth their vegetable life.

The *nature* of this Quarter is generally *hot* and *moist*, which if it prove *otherwise*, it bringeth *sudden strange* diseases, and *noxious* distempers; for *generation* consists in *heat* and *moisture*; therefore such persons as be naturally *melancholly*, are *best* in *health this* Quarter; the *Sanguine* constitution the *contrary*; *Age* is *strong* and *lively*, *Childhood* and *Youth* inclinable to many *distempers*. That distemper in man is *most* dangerous, which hath its original from *putrified* and corrupted *blood*; as the *Synocha*, and *Febris putrida*; that which proceeds from *Melancholly* is less dangerous as the *Quartane*.

Caution by all people to be used; for now the *pores* of the body *begin* to *open* by the increasing heat, which by *frosty* evenings, and *cold* mornings, *oft*, and quickly may prejudice their healths; for want of *heedful* keeping *warm*, many hurtful distempers, through *cold*, invade our bodies; and those *distempers* which are taken by *cold* in the *Spring*, *corrupt* the blood, and obstruct its *Circulation*, which is the cause of many and various diseases, according to the constitution of the body.

In the *position* of Heaven at the *Suns* ingress, both the

the *fortunes* are very *weak*, the *full* Moon preventional, and the *new* Moon positional considered, *Mars* excels in dignities, next in dominion is *Mercury*, *Saturn* and the *Moon* having some dignities, do somewhat assist in power, as to the constitution of the weather; and general accidents this Quarter. *Mars*, according to *Carlam*, *Æstus, incendia, fulgura, grandines, & bella significat*; raging, unnatural, boyling, hot *airs*, corrupting the *blood*, *Fires*, *Lightnings*, *Tempests*, *Hail*, and *Quarrels*, when the blood is heated: for, *Mars* is by nature hot and dry, *sed valde mutabilis, ut modo humidus, modo siccus sit, cum qua iam inconstantia.* And by reason *Mercury*, the *Moon*, and *Saturn* bear rule with him, he is the more mutable. *Ita ejus remittetur ac pluvia temperabitur sæpe*; and will produce *wet*, *wind* and *storms*, as well as dry weather, this season: *Nam humiditates, & fumositates terræ sursum trahit. Mars* strongly exhales the *gross* and *noxious* vapours of the earth, which is the cause of infectious *airs*. *Commune quoque est Saturno & Martis ducem sterilitatem, ac seditionem portendere. Card. 7. Sec. 70. Alb.* *Infectious* and *pestilential* diseases, with oft *barrenesse*: *Cum infirmitatibus & doloribus ex corruptione sanguinis provenire*; with many *dolorous* distempers, proceeding from the *boyling* corrupted quality of the *blood*: *Morbosque acutos & insperabiles*; which God avert, and from his position in the Angle of the Orient: *Metum, anxietatis & damna multa ab hostibus & sanguinis effusionem portendit*; *Fears*, and frequent *Robberies*, with dreadful *sorrows* and *losses*, destruction and *effusion* of *blood* in those parts of the World, where War and Sedition are not wanting this year. *Omnia plena scelerum & perfidiæ futuræ sunt, morborum genera varia & plurima existunt*; according to the position of Heaven, we cannot but expect a *sickly*, troublesome and uncomfortable year, for the Fortunes, *Jupiter* and *Mercury*, are debilitated in the *whole* Revolution of the year; onely *Venus*, and the *Moon*, and *Saturn* are malevolently *strong*, and signifie various mischiefs. Let these natu al

significations of mischiefs, make us *zealous* in prayer to our *good* God, whose mighty *Hand* is *onely* able to *meliorate* and *avert* these impending *evils*.

And which is not the least, the *Lady* of the Ascendent in the *8th.* and the partile Opposition of *Jupiter* and *Mars*, from the *6th.* and *12th. Houses*, do, according to Nature, mightily strengthen these malignant, *sickly*, and treacherous significations; *ægritudinesque ob sanguinis corruptionem, & pestilentiam (quod Deus avertat)* as also *secret* contrivances, and ruinous mischiefs against the *Clergy* in some Countreys, and the death of some very eminent person in the world: *Ægritudo dolosa, aut mors cujusdam illustrissimæ personæ, sed hic me Plato quiescere jubet.*

The Conjunction of *Jupiter* and *Mars* in the *12th.* in opposition to the *Moon* in the *6th.* in the *Suns* ingress into *Capricorn last* year, and the Quartile of *Jupiter* and *Mars*, from the *8th.* and *12th.* the *last* Spring, might *well* produce that raging infection of the *Measles* (the *malignant* matter being not strong enough to arise higher) the last *Winter* and *Spring*, the *like* not in *many* years before.

Of Summer.

THis *Summer* Quarter begins the *21th.* of *June*, near One a clock in the Afternoon, the *Sun* then entring the first Scruple of *Cancer*, making the *longest* day and *shortest* night in the year, to all who live on this side the Æquator.

The Natural *Constitution* of this Quarter is *Hot* and *Dry*, agreeing with *Manhood*, and sympathizing to *Choler*. The *Phlegmatick* are at this time *best* at ease, and in health; the *Cholerick* otherwise: *Old* age revived, and *Youth* languisheth, because they abound with Blood and Choller, and are thereby much exposed to Feavers, especially the *Tertian*; for those Distempers that arise from the excess of *blood* and *choller*, are *more dangerous* than *those* that take their *original* from *blood* & *phlegme*.

The *Moon* claims the predominancy of this *Summer* Quarter,

Quarter, with whom *Jupiter* is next in Dignities; *all* the Planets have *some* strength, except the *Sun* who is very weak. The strength of *Jupiter* might give us good hope, of health and tranquillity this Quarter, but that *Saturn* and *Mars* infest each other from the 8*th.* and 10*th.* Houses with a hateful *Square*, bearing rule in the *Ascendent*, 2*d.* 4*th.* and 7*th.* Houses, and the *Moon* from the 8*th.* opposeth *Jupiter*. *Saturn* Lord of the 4*th.* hath his *Exaltation* in the *Ascendent*, and *Mars* Lord of the 7*th.* hath his *Exaltation* in the 4*th.* House; all which portend *various* and *oft* mutation of *weather*, *most times* unseasonable; *& copiam morientium*, great *mortality*, by Infections and unusual Diseases, amongst Men and Women of all Ages; as also *strange* and *unwonted* Diseases amongst bigger *Cattel*, as *Horses*, *Oxen*, *Cows*, and the like; and *Measles* raging amongst *Swine*, and many unhappy Absurdities amongst people where the *fiery* Trigon reigns; and some *Prince* in *Europe* is like to oppose the *Popes* Authority, to the great prejudice of his rich and *fat Clergy*: Some other likewise may too much *indulge* the same, but both to the general discontent where they are acted, that it will be said, *Happy*, and *onely happy* is he, that hath his *sure affiance* in *God*

Hac revolutio mundi, varias controversias de bonis Ecclesiasticis seu in electione spirituali indicat.

Hoc anno 1675 impressiones in suprema aeris regione fient, æstus gravis erit, & media aeris regione, impressiones horribiles, unde caritas annonæ impendebit, status infelix Ecclesiasticis portenditur, qui intestino odio, ac callidis consiliis inter se certabunt; aliqui ob clandestinas machinationes in captivitatem pervenient: item duobus principibus Germanicis, usque; sentibus ac valetudinariis interitus denunciatur, hinc mutationes irreligione & politiis desumuntur, in provinciis Orientalibus insignes apparatus bellici existent, quos vastationes sequentur, magna calamitas, & rerum perturbatio futura est, adeo ut multi homines præ desperatione ultro sibi manus inferent.

Of Autumn.

THis *Quarter begins*, the *Sun* entring the *Æquinox* in *Libra*, *Sept.* 13. half an hour after 4 in the *morning*, making the day and night again *equal* all the world over, (except within the *Polar* Circles.)

This *Season* is by *nature cold* and *dry*, and agreeth with *Melancholly*, resembling *Age*. The *Sanguine* constitution now is *most lively*, *strong*, and *best* in health; the *Melancholly* most afflicted; *best* time for *Youth* and *Childrens healths*, and the *worst* time in the year for *Age*. In this *Autumnal* Quarter *Jupiter* is infinite weak, as also the *Sun*, the *Moon*, and *Venus*, all debilitated; onely *Mercury excels* in *strength*, with whom *Saturn* and *Mars* shares, which will, like bad Counsellers, ill assist *Mercury* in his Dominion. *Mars* afflicts the *Sun* by Conjunction; and *Saturn* the *Moon* by Opposition: these will produce oft *cloudy*, *foggy*, unhealthful and unconstant weather; *Aerem nebulosum*, *fruit*, like to be unwholsome, the *immoderate* and *unwary* use thereof may cause many distempers, especially amongst *young* people, whose *careless mirth* and *jollity* may *incline* them to *excess*. *Cum Mercurius in prima domo constitutus*, (*ut hic*) *fortunat puero*; and *Venus* in the *first* House in Conjunction with *Mercury*, *dat gaudia multa*, *inclines* to *much* childish mirth and jollity, the minds (especially) of *young* people, by which means *ignorantly* they run into *danger* by *excess*, *sed pessimum est*, the malignant square of the two malevolents from the 8*th*. and 10*th*. are of evil portent; *sed silentium decet*.

Quære Oh Christianissimi viri capita vestra extollite, cautique in rebus gerendis este ne de improviso opprimamini, decusque vestrum concidat.

Some

Some Considerations worth our Contemplation.

Hast God in the heighth of Heaven? and behold the heighth of the Stars how high they are. Job 22. 12.

THe whole *circumference* of the Celestial *Globe* is divided into 360 Degrees, or parts, to each of which *Degrees* do answer 60 *miles* on the Earths *Globe*, the *Diameter* of the Earth (which is a *streight line* drawn through the middle of the *Globe*, or Circle.) is somewhat more than 6872 miles, the *whole circumference* of the Earth being 21600, which is 360 multiplied by 60 Now suppose a *hole* from the *surface* of the Earth to the *centre*, and a *stone* to be let fall and to dispatch in his motion *two* miles in every *minute* of an hour, it would be 28 *hours* 38 minutes *before* it would come to the *middle* of the Earth,

Furthermore,

The *magnitudes* and *distances* of the *Planets* and *Fixed* Stars, cannot but infinitely amaze our understandings, and possess us with dread and unspeakable wonder of the *Power*, *Might*, and *Majesty* of that Great *God*, who hath created these *immense* Creatures, which is the reason I here fall upon this subject, that so far as we are able, *God* might have the *Glory* of this stupendious Work, which I shall dispatch with all plainness to *each*, even the *weakest* capacity.

To find the *magnitudes* and *distances* of the *Fixed* Stars, admits of difficulty, by reason they admit of no *Parallax*, as the *Planets* do, the distance of the *Eighth* Sphere being so *vast* and great, that the *Globe* of the Earth bears no proportion thereunto, but for the *Planets*, which have *parallax*, their *magnitudes* and *distances* are well known; for any man may well *conclude*, that if the *motions*, *magnitudes*, and *distances* of

of the *Sun*, *Moon*, and *Earth* were not well known, but the *time* and *quantity* of *Eclipses*, and *Places* where they happen, could not be so *exactly* foretold for many years beforehand.

In the *first* place we consider the *Moon*, which is the *nearest* Planet to the *Earth*, and yet her distance from the same is *two hundred thousand* miles; so that a journey of *twenty* miles a day, would be 27 years arriving at her Orb: The *Moon* is far the *less* of all the Planets and Stars, and is *less* than the *Earth* 49 times and a half, and *less* than the *Sun* nineteen thousand seven hundred and seventy times.

The *Sun* is distant from the Earth *Five millions* of miles; so that if a *Stone* or *Bullet* should fall from the *Sun* to the *Earth*, and in *motion* dispatch a *thousand miles* in an *hour*, it would be above *two hundred* days before it came to the *Earth*. The *Sun* by demonstration appears to be greater than the *Globe* of the *Earth* *four* hundred *thirty* and almost four times. *Ptolomeus*, *Copernicus*, *Tycho*, *Longomontanus*, and *Kepler*, have demonstrated the *Suns* magnitude, and as they differ the one from the other, so they dissent wide from the truth. *Illorum Theorias à vero Cœloque toto Cœlo aberrare, Quæ ipsi nihilominus distantias & magnitudines Solis & Lunæ perperam definierunt; non quidem ullo demonstrationis ipsorum vitio, sed quod falsis Hypothesibus usi sint, pro veris.* Therefore with *Lansbergius* I reject them all, *Nam nulla illarum magnitudinum est vera, pugnant enim omnes cum Hypothesibus suis, & Hypotheses cum apparentiis, adeo ut nec continuari inter se possint, nec ullatenus cum Cœlo conjungi; rejicienda igitur omnes sunt, ut falsæ & ab Autoribus pro libitu confictæ, & contra æquiescendum est in magnitudinibus quas nos cum bono Deo demonstravimus, ha quippe & hypothesibus suis exactæ respondent, & Cœlo ad Amussim consentiunt; adeo ut de earum veritate dubitandum non sit.*

According to *Copernicus*, the *Spheres* of *Venus* and *Mercury* are much at the *same* distance from the Earth

the *Sun*, *Venus* being next to the *Sun*, and the Orb *Mercury* between the *Moon* and *Venus*; *Venus* is three times and a half *less* than the Earth, and *Mercury* less than the Earth *twelve* times.

Mars in his *nearest* motion to the *Earth*, in his *Perigeon*, is about *two* millions of miles from the Earth, in his greatest distance and *Apogeon* he is *twelve* millions of miles, and is less than the Earth *eight* times.

Jupiter is *distant* from the *Earth*, when *nearest*, near *one and twenty* millions of miles, and in his *greatest* distance *one and thirty* millions of miles, and is *five and twenty* times and a *half* bigger than the Globe of the whole *Earth*: So that should a *Bullet* fall from the body of *Jupiter* to the *surface* of the Earth, and dispatch in its motion a *thousand* miles an *hour*, it would be above *twelve* hundred days in coming to the Earth.

Saturn is *distant* from the Earth, when *nearest*, about *five and twenty* millions of miles, when *farthest* remote he is *thirty five* millions of miles; he is *fourty six* times and three *quarters* as *big* again as the Earth. These are the *glorious* Bodies contained in the *First* Heaven; for by the most Learned, all this space wherein the Seven Planets are placed, (the *Sun* ruling in the midst of them, and enlightning them as they are more near or remote) is called the *First Heaven*. The *Firmament* wherein are all the *Fixed Stars*, is esteemed the *Second Heaven*, and the *distance* of this *Sphere* from the *Earth* is about *fifty* millions of miles; every million containing *Ten hundred thousand miles*. (I could herein have inserted the *rational* demonstrations of these *vast* Magnitudes, which would have satisfied every ingenious understanding, but it is a work too tedious for this Subject.)

If the distance of this *Sphere* from the *Earth* (wherein all the *Fixed Stars* are contained) were to be travelled by *fifty* miles a day, it would be *two thousand* and *seven hundred* years before this Journey could be finished. The Diameter of this Sphere is above a *hundred millions* of miles, the Circumference above *three hundred*

millions

millions of miles, as may be demonstrated by the 13th of *Euclids* Elements.

Not to *cease*, but to *increase* your wonder, understand that all the *Stars* we *can* see, are comprehended under *Six* Magnitudes, or Bignesses, *thus*, The *Stars* of the *first* Magnitude are found by Geometrical Demonstration to be *twenty thousand fifty three* times each of them as *big* as the *Globe* of the *whole* Earth.

The *Stars* of the *Second* Magnitude are each of them *five thousand nine hundred thirty five* times *bigger* than the Earth.

Of the *Third* Magnitude are *two thousand* and *six* times as *big* as the Earth.

Stars of the *Fourth* Magnitude are *Seven hundred fourty four* times *bigger* than the Earth.

Stars of the *Fifth* Magnitude are *Fourscore* and *twelve* times as *big* again as the Earth.

Lastly, *Stars* of the *Sixth* Magnitude (which are the *smallest* we can discern) are *Eleven* times and a *half* as *big* again as the Earth.

The *shortness* of Mans life hath been the great *Remora* to these Discoveries, and the more perfection of this Science, forasmuch as some Observations require Ages, and cannot be obtained within the short limits of one mans life; yet there have not been wanting in most Ages some *Noble* Celestial *Spirits*, that have strenuously endeavoured from the Observations of *them* that *preceded*, and their *own*, to compleat this Fabrick, as *Endemon*, *Timocrates*, *Eratosthenes*, *Hipparchus*, and some others *before* Christ; and *after*, *Ptolomeus*, *Menelaus*, *Agrippa*, and others; and many Ages after, *Albategnius Arzael*, *Almeon*, with *Prophatio* the Jew; and since in our Great grandfathers days, *Purbachius*, *Regiomontanus*, *Bernardus*, *Walterus*, and *Copernicus*; and in our Fathers time the Noble Prince *William* Lanigrave of *Hassia*, the Noble *Tycho Brahe*, and the ingenious *Kepler*, and others, all of which were *excellent* in their *Inventions*, and *universal* in their *Intentions*, striving to make such *first* and *through* Discoveries,

coveries, that might satisfie all *future* Ages. *Sed non datum est magnis illis viris hanc metam contingere, non quod ingenium aut studium illis defuerit, sed quod observationibus caruerint, sine quibus, universalis illa Astronomia non potest perfici.*

Thus having soared high enough to endanger our wings, and entred the *Second* Heaven with our Demonstrations, and made some Discoveries of that *immense* vastness, and those *stupendious* Magnitudes therein contained, with some *glympse* of the glory thereof, for every *Star* differeth from *each* other in glory, 1 *Cor.* 15. 41. Let us arise a little *higher* in our Contemplations, that the *wonder* of these *unconceivable* works of *Gods* power, may lay us *low* in our *selves*, and draw us to him with *reverence* and *godly* fear.

It will advance our *Admiration*, if we consider the Earth to be but a *small* point in proportion to the *first* Heaven, (which includes all within the Sphere of *Saturn*) and this *Heaven* to bear as small a proportion to the second *Heaven* of the Fixed Stars, to whose *vast* capacity, the Earth bears *no* proportion at all.

Diligenter est notandum magnitudinem secundi Cœli, etsi admodum vastam, nullam tamen esse in respectu Dei, sed finitam & commensurabilem. cum, is, infinitus sit & immensus, ad quem omnia terrestria ac cœlestia nullam habeant proportionem; yet all this vast Body bears *no* proportion to the *Third* Heaven, much less to the *immense* Creator of all, by whom all things are limited and circumscribed. *Hinc ergo liquido constat, Deum Ædificium hoc mundanum in tres Cœlos distribuisse, quorum duo sunt visibiles, tertium hactenus invisibile, sed post hanc vitam, ab electis videndum ac possidendum.* While we live, our *eyes* can see no *further*, nor our *thoughts* contemplate *higher* (without supernatural assistance) than this *Second* Heaven.

The *Third*, which is, *as*, beyond our *sight*, *so*, beyond our *comprehension* in this Life, that *Heaven* of Eternal Blessedness, to which St. *Paul* alludes, when he says, He was wrapt up in the *Third* Heaven, 1 *Cor.* 12. 4. and saw *ineffabilia*,

Ineffabilia, things not to be uttered, as being not apprehended by any *humane* capacity; this is reserv the poſſeſſion of *God* and his Elect, *Matth.* 25. 34. an inconceivable vaſtneſs is here, where *dwells Eter* (the conſideration of the *Two* former may be *ſome* to give us a *glimpſe* of *this*) Well might our Bleſſed *Sa* our ſay, In my Fathers houſe are *many manſions*, 14. 2. And the *Apoſtle* breaks out in that *Extaſie*, 11. 33. Oh the *depth* of the *knowledge* and *wiſdom* *God*, how *unſearchable* are his *judgments*, and his paſſ finding out? The *Apoſtle* quotes a Text out of *Iſa* *chap.* 64. 4 as wanting *words* to expreſs himſelf, 1 2. 9. *Eye* hath not *ſeen*, nor *ear* hath *heard*, neither *entred*, or *can* it *enter* into the *heart* of *any* man (w mortal) to conceive the *glorious* things, which *God* *prepared* for *them* that *love* him. *One* glimpſe of this could it dwell upon our thoughts) would ſo raviſh ſpirits, that we ſhould not chuſe but perfectly hate ſlight the ſight and thoughts of theſe *periſhing fooliſh* ties. But whither am I tranſported? Let my Re *excuſe me*, the *light* of Reaſon could not *light* me ſtep beyond the *Second Heaven*, and I had *wanted* w to *tell* you the *leaſt* of the *Third Heaven*, unſpeakable glorious, *had* not I conſulted the *Divine* Oracles, onely *hint* to us theſe *raviſhing* and *ſwallowing* joys, *willing* am I to *leave* this ſubject, *knowing*, with St. *ter*, it is *good* to be *here*. But *alas*, *licentia non da* I muſt deſcend to leſs comfortable conſiderations, w lie within the Sphere of *Reaſon*, and not yet d (though ſometimes ſoar higher by *Divine aſſiſtance*) w out the limits of her Juriſdiction. As the *Diamon* one'y formed by its own duſt, ſo the *immenſe* Glori this *moſt* glorious *Third* Heaven is not diſcovered, bu the *light* that made it, God himſelf, bleſſed for ever, in *ſweet* influential demonſtrations of his moſt bleſſed Spir which *Lord* grant us for thy mercies ſake, through *Je* *Chriſt*, our ever bleſſed Saviour, *Amen*.

From my Houſe at the Three Cran
Chancery-lane.